

APPENDIX C

CMITE CHAPTER

2018 ANNUAL REPORT



2018 Annual Report

The Central Missouri Chapter of the Institute of Transportation Engineers (CMITE) had a great year in 2018. This local chapter of ITE has a routine in place that has worked well for the size, geography, and demographic characteristics of the group. This routine includes chapter luncheons that occur every other month, and are balanced between Jefferson City and Columbia. Throughout the course of the year, we try to maximize partnerships and expand relationships with related organizations while maintaining our distinct personality as an organization. Our mix of student and professional members provides for great networking and discussion and fosters our mission of promoting transportation engineering.

Our first luncheon of 2018 was held on February 21st at the City of Columbia. Our speaker was John Schaefer, with MoDOT's Central District Traffic Office, who gave a presentation on HAWK Beacons on College Avenue. There were 25 attendees at the meeting.

The second CMITE meeting was held at the University of Missouri - Columbia (MIZZOU) on March 30th. Our speakers were James Ritter and Mike Curtit (Jacobs) and Stephen Georges (MoDOT). Their presentation topic was on the "Road to Saving Lives – St Louis Safety Design-Build Project". This presentation was part of MIZZOU's Seminar Series. There were 27 attendees at the meeting.

The third meeting was held on June 26 in Jefferson City at a restaurant. This was a joint meeting of MSPE and CMITE where the MSPE Executive Director and lobbyist Bruce Wylie gave an "Engineering Legislative Update." The CMITE attendance at this meeting was 10 members.

The August meeting was held on the 22nd at the MoDOT Offices in Jefferson City. Wes Bolton (Allstate Consultants) and Dr. Carlos Sun (MIZZOU) presented on "Drone Use in Engineering". There were 27 attendees for this meeting.

The annual Highway Safety and Traffic Blueprint Conference was held September 10-12 in Columbia, MO. This conference hosted by MU and MoDOT. CMITE sponsored a poster session, our 9th annual, this year awarding prizes of \$100 for first place and \$50 for second. On the second night of the conference, CMITE sponsored a social hour which was attended by 7 CMITE members and several other interested professionals.

The next meeting occurred on October 10th in Jefferson City and featured several student presentations based on the poster session from the Highway Safety and Traffic Blueprint Conference. The speakers and presentations included:

- Michael Schoelz – CAV external displays for truck platoons in mixed traffic: a federated simulator study.
- Sayedomidreza Davami – Civil Engineering Material Characterization via Smartphone-based Molecular Sensing
- Ashkan Gholamialam – Modeling bike-ability of urban systems
- Siyang Zhang – Evaluation of green lights on Truck-Mounted Attenuators (TMAs)

These research topics were accepted for TRB in January 2019. There were 13 attendees for this meeting.

The last meeting of the year was held on December 14th at the University of Missouri. Dr. Yaw Adu-Gyamfi presented on “Big Data and Artificial Intelligence: Hype or Reality.” There were 18 attendees for this meeting.

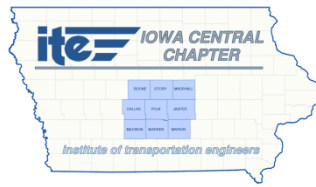
CMITE leadership rotated at the end of 2018. Ray Shank moved from the Vice President to the President role. Siyang Zhang moved from the Secretary/Treasurer to the Vice President. Taylor Shelton was elected the new Secretary/Treasurer. Frank Yates then became the Past President.

The total paid membership for the 2018 calendar year was 22. CMITE has a bright future ahead and a committed membership that will keep us going.

APPENDIX D

ICITE CHAPTER

2018 ANNUAL REPORT



**Institute of Transportation Engineers
Iowa Central Chapter**

2018 Annual Report

February 11, 2019

Summary

The Iowa Central Chapter of ITE had a successful 2018. The chapter, which celebrated its five-year milestone this year, continues to grow since its inception in 2013. The chapter is a part of the Missouri Valley Section of ITE (MOVITE) as well as the Midwestern District of ITE. The group has been meeting on a regular basis and offers a variety of continuing education and networking opportunities for the membership.

The Iowa Central Chapter exists to promote traffic and transportation engineering in central Iowa, provide networking and knowledge-sharing between members, and to engage student members in local and regional activities.

Board

The board of directors for ICITE in 2018 included the following:

President	Jennifer McCoy	jenmccoy515@cox.net
Vice-President	Tyler Wiles	twiles@hrgreen.com
Treasurer	Ryan Davis	rdavis@mecresults.com
Secretary	Rob Haaland	rob.haaland@bolton-menk.com
Administrator	Doug Ripley	dripley@trafficcontrolcorp.com
Past President	Todd Knox	tknox@snyder-associates.com

Elections were held in late 2018, and Andrew Houchin was elected as the new Secretary for 2019. Tyler, Ryan and Rob will move up one position, and Jennifer will take the role of Past-President for 2019.

Our chapter also maintains an active Facebook page. Brian Willham has graciously volunteered to be our chapter's standing social media chair, and manages the Facebook page. We are up to approximately 65 page followers. If you are reading this, please like and follow our Facebook page!

Membership

The chapter membership for 2018 included approximately 20 active members. There are additional people that have attended group activities in the past that will hopefully become members soon. The membership is comprised of consultants and public employees with the Iowa DOT and several local municipalities.

Activities

In 2018, ICITE hosted or co-hosted the following events:

May - ICITE hosted the ITE Webinar on Engineering Uncontrolled Pedestrian Crossings. Our own Brian Willham was a presenter. About 20 people attended.



June – August – ICITE hosted three webinars on Designing for Bicyclist Safety. These webinars were part of a three-part series offered by ITE thru their webinar archives which was created to provide the tools needed to understand the principles of bicyclist safety and respond to safety problems with appropriate countermeasures and designs. About 15 people attended each webinar. As part of the July event, approximately 10 members volunteered as part of the Des Moines Better Block event hosted by AARP to demonstrate an enhanced protected bicycle facility in downtown Des Moines.



August – Several ICITE members attended the ITE International Meeting in Minneapolis, MN. Approximately five of our members presented at the conference thru a formal presentation or a poster competition.



October – ICITE members attended the annual MOVITE Fall meeting in Lenexa, KS to represent Iowa at the fall meeting. Our own Skylar Knickerbocker won the 2018 Young Transportation Professional Engineer of the Year.



November – ICITE held a joint meeting with the Iowa State University Transportation Student Association in Ames, IA. The evening included a presentation by John Davis, ITE Midwest District Director. John presented the TSA members a plaque for their first place finish at Midwestern District Traffic Bowl. A networking social event at a bowling alley took place following the meeting. There were approximately 20 students and 5 ICITE members present.



November, continued – Also, in November ICITE held a networking event for members and those that attended the 2018 IDOT Traffic and Safety Forum in Ames, IA. This event was held after the forum with 20 people in attendance.



December - ICITE held its 3rd Annual holiday social event and “Toys for Tots” toy drive at Peace Tree Brewery in Des Moines. Approximately 10 members were present. Toys were dropped off at a local “Toys for Tots” drop-off location.

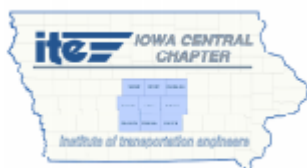


Finances

The goal of the Board is to support annual expenses through meeting income and chapter dues and to keep any costs for student chapter members to a minimum.

The 2018 Treasurer's Report, listing total expenses, revenues, and reserves, is included in the Appendix. Also included is the 2019 Chapter Budget.

APPENDIX



2018 ICITE Treasurer's Report

Date: December 31, 2018

2018 Actual

INCOME:

1.	Dues	\$0.00
2.	Meetings	\$0.00
3.	Checking Account Interest	\$0.00
4.	Chapter Sponsorship	\$0.00
5.	Reimbursement from State Director	\$0.00
7.	Miscellaneous (State Dir Funds & Other)	
TOTAL INCOME:		\$0.00

EXPENSES:

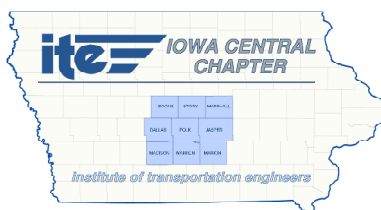
1.	Meetings	\$163.12
2.	Supplies	\$0.00
5.	Banking Fees	\$0.00
5.	Miscellaneous	\$0.00
TOTAL EXPENSES:		\$163.12

SUMMARY OF ACCOUNT

Beginning of Year Balance:	\$11,226.06
Total Income:	\$0.00
Outstanding Income:	\$240.00
Total Expenses:	\$163.12
Outstanding Expenses:	\$250.20
Net Over Period:	-\$163.12
Petty Cash Balance:	\$100.00
Checking Balance:	\$10,962.94

Treasurer:


Ryan Davis




ICITE Treasurer's Record

2018 - Through December 31, 2018

Trans. ID#	Purpose	Date	Check #	Expense	Income	Total Account(s)	Petty Cash	Bank (Bank Iowa)	Receipt?	Paid Out?	18' Spring Meeting	Notes
	Beginning Balance	12/31/2017				\$11,226.06	\$100.00	\$11,126.06				
1	Dues Collection	5/24/2018			\$195.00	\$11,421.06	\$295.00	\$11,126.06		No		Dues collected from 13 members (deposited)
2	Dues Collection	6/19/2018			\$30.00	\$11,451.06	\$325.00	\$11,126.06		No		Dues collected from 2 members
3	Reimbursement to Todd Knox	6/26/2018	1034	\$155.14		\$11,295.92	\$325.00	\$10,970.92	Yes	Yes		To Todd Knox for TSA Social (4/30) and ITE Webinar (5/24)
3	Reimbursement to Tyler Wiles	6/29/2018	1035	\$7.98		\$11,287.94	\$325.00	\$10,962.94				To Tyler Wiles for refreshments and snacks at ITE Webinar (5/24)
4	Dues Collection	7/18/2018			\$15.00	\$11,302.94	\$340.00	\$10,962.94				Dues collected from 1 member
5	Reimbursement to Tyler Wiles	11/12/2018	1037	\$60.50		\$11,242.44	\$340.00	\$10,962.94	Yes	No		To Tyler Wiles for TSA Forum Social
6	Reimbursement to Todd Knox	12/5/2018	1036	\$149.00		\$11,093.44	\$340.00	\$10,962.94	Yes	No		To Todd Knox for ITE Webinar (12/5)
7	Reimbursement to Brian Willham	12/17/2018	1033	\$40.70		\$11,052.74	\$340.00	\$10,962.94	Yes	No		To Brian Willham for Toys for Tots Social
8												
9												
10												

Treasurer


Ryan Davis

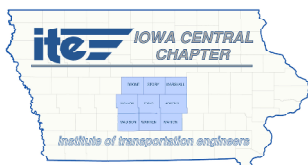
2019 ICITE Budget

Date: January 21, 2019

			FORWARD LOOKING	
			2020 Budget	2021 Budget
	2018 Actual	2019 Budget		
INCOME:				
1. Dues	\$0.00	\$250.00	\$250.00	\$250.00
2. Outstanding Dues	\$0.00	\$240.00	\$0.00	\$0.00
3. Meetings	\$0.00	\$300.00	\$100.00	\$100.00
4. MOVITE Meeting	\$0.00	\$30,000.00	\$0.00	\$0.00
5. Checking Account Interest	\$0.00	\$0.00	\$0.00	\$0.00
6. Chapter Sponsorship	\$0.00	\$0.00	\$0.00	\$0.00
7. Reimbursement from State Director	\$0.00	\$0.00	\$0.00	\$0.00
8. Miscellaneous	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL INCOME:	\$0.00	\$30,790.00	\$350.00	\$350.00
EXPENSES:				
1. Meetings	\$163.12	\$500.00	\$350.00	\$350.00
2. Outstanding Meetings	\$0.00	\$250.20	\$0.00	\$0.00
2. Supplies	\$0.00	\$0.00	\$0.00	\$0.00
3. MOVITE Meeting Expenses	\$0.00	\$25,000.00	\$0.00	\$0.00
4. Contribution to MOVITE	\$0.00	\$2,500.00	\$0.00	\$0.00
5. Banking Fees	\$0.00	\$0.00	\$0.00	\$0.00
6. Miscellaneous	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL EXPENSES:	\$163.12	\$28,250.20	\$350.00	\$350.00
PROFIT/LOSS:	-\$163.12	\$2,539.80	\$0.00	\$0.00
YEAR END \$ BALANCE:	\$10,962.94	\$13,502.74	\$13,502.74	\$13,502.74

Treasurer:


 Ryan Davis



APPENDIX E

KCITE CHAPTER

2018 annual Report

2018 Annual Chapter Report



Executive Summary

The Kansas City Chapter of ITE (KCITE) celebrated its fifteenth year in 2018. KCITE continues to provide the best venue for transportation professionals in the Kansas City metropolitan area to earn PDH's for PE and PTOE requirements, build relationships with colleagues, and learn new information related to transportation. The board spends time not only selecting presentation topics that are new to the membership, but also looks for meeting locations that are new or have been historically successful for KCITE meetings. The bi-monthly chapter meetings continue to be well-attended and with presentations on a variety of topics that appealed to professionals in both the public and the private sectors. KCITE also provided multiple training events for its membership, offering more in depth and specific training opportunities. These events created ample opportunities for our membership to network and obtain professional development hours (14 total offered). The KCITE Board is excited about the chapter's future and credits the success of the chapter to the hard-working individuals who have made a positive impact by forming such a strong chapter base.

The chapter boundaries were established in 2003 to include the major cities within a 70-mile radius of Kansas City over 20 counties, which offers the opportunity for representatives from agencies, institutions and companies throughout the metropolitan area to be fully involved in a local connection to ITE. The KCITE chapter also includes the University of Kansas (KU) and the University of Missouri – Kansas City (UMKC). The presence of local student ITE chapters enables KCITE to foster and assist these student chapters, an ongoing goal of the organization.

For the past nine years, KCITE has sponsored the Great Plains (Kansas, Missouri, and Colorado) Future City Competition where students in 6th, 7th, and 8th grades participate in a national competition to build a future city. This year, the competition was held on January 20th and the KCITE chapter awarded the “Present It Award” for the team with the best communication to team Vitae Ludzie from Saint John Catholic School in Lawrence, Kansas.

In 2018, the Excellence in Transportation Award was presented to HNTB /Kansas Turnpike Authority (KTA) for the “KTA Open Road Tolling, Conversion of East Terminal” project. Each year the award is presented to an organization (government agency, legislative body, consulting firm, industry, or other private-sector organization) in the categories of transportation planning, operations and facilities for a project located within the Chapter boundaries. All submittals are forwarded to MOVITE for additional awards.

In 2018, the Fall MOVITE conference was held in Lenexa, Kansas from October 3rd through the 5th at the City Center Convention Center in the Hyatt Place hotel. Several KCITE members, including the President and Past-President, volunteered to create the Local Arrangements Committee (LAC) that helped plan the conference. KCITE was honored to receive the “Best Chapter Award” for our efforts during the previous year.

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1. Administration

KCITE Chapter is governed by the Chapter Board of Direction. The board officers consist of the President, Vice President, Secretary/Treasurer, Member Director, Affiliate Director, and the Past President. Each year a chapter member is elected by the KCITE membership to occupy the position of Member Director and every two years an affiliate member is similarly elected for the position of Affiliate Member Director. Elections are conducted every year during the month of November and candidates for the Director positions are open to any member or affiliate member of the private or public sector. The following year the Member Director is moved to Secretary/Treasurer Officer Position. Likewise, the other officers move up to the next officer position until becoming the Past President. The exception to this is the Affiliate Member Director, who serves a two-year term on the Board.

In 2018 the Member Director position was up for election. The Member Director was to be elected among the membership of the public sector. To keep a balance of representation from the public and private sectors, candidates for the director positions alternate between the two sectors during each election cycle. The 2018 elections (for the 2019 Board) were held in mid-December and early January of 2018 and were administered using our chapter website supported by StarChapter. The online election process was set up to ensure that each vote would be confidential, and that no person could vote more than once. Arij Humeida, City of Overland Park, KS, was elected as the Member Director. David MacDonald, Traffic Control Corporation, will serve his second year as Affiliate Director for the 2019 Board of Direction. Results are shown in the Appendix of this report.

2. Chapter Officers

Position	2018 Officers	2019 Officers
President	Lindsay Francis	Tom Evans
Vice President	Tom Evans	Jackie White
Secretary/Treasurer	Jackie White	Janelle Clayton
Member Director	Janelle Clayton	Arij Humeida
Affiliate Director	David MacDonald	David MacDonald
Past President	David Church	Lindsay Francis

The Past....



2018 KCITE Board of Direction
From the Left: David MacDonald, David Church, Janelle Clayton,
Tom Evans, Lindsay Francis and Jackie White

The Future....



2019 KCITE Board of Direction
From the Left: David MacDonald, Arij Humeida, Janelle Clayton,
Tom Evans, Lindsay Francis and Jackie White

3. Arrangements Committee

The Arrangements Committee is a standing committee that is chaired by the Vice-President and includes the Affiliate Director and six (6) chapter members who serve staggered two-year terms. The Arrangements Committee is responsible for the selection of topics and venues for chapter meeting presentations. Coordination with the speakers and venues is also the responsibility of the committee. Despite the rising costs for food and venues, the committee worked hard to keep meeting costs in line with what our membership is used to, while providing excellent meeting locations, food and interesting technical topics.

2018 Arrangements Committee Members
Tom Evans – Vice President
David MacDonald – Affiliate Director
Krystal Jolly
Michael Hare
Chris Roberts
Jay Aber
Jessica Das

4. Training Committee

The Training Committee is a standing committee that is chaired by the Member Director and typically includes six (6) Chapter members who serve staggered two-year terms. Due to interest in serving on this committee, KCITE had seven (7) chapter members serving in 2018. The Training Committee is responsible for the selection of topics for additional training events held separate from the chapter meetings and for the coordination of these training events.

2018 Training Committee Members
Janelle Clayton – Member Director
Brian Geiger
John Fitzpatrick
Addison Miller
Dan Fuchs
Eileen Yang
Anthony Gallo
Jose Rodriguez

5. Budget and Dues Structure

The 2018 budget was approved by the Board of Direction on January 9, 2018 and was approved by the chapter meeting attendees on January 18, 2018. The original philosophy of the Board has been and remains to be that chapter meeting costs be fully supported by the fees charged for each meeting. The funds from annual dues have been used to support the other operations of the Chapter for items such as door prizes, speaker gifts and awards. Since the commissioning of the new website in 2013, monthly website fees are now incurred for ongoing support, operation and maintenance of the website. These fees are primarily offset through the sale of corporate sponsorships. Sponsor's logos are displayed on the website with a link to their company's website, and the logos are displayed on the presentation screen before chapter meetings. A link to 2018 proposed KCITE budget is included in the Appendix of this report.

The annual membership dues for 2018 remained at \$10 for chapter members and chapter affiliate members. Students can become members at no cost with an advisor's support and are encouraged to do so. With the addition of the designation of "Lifetime Member" to the KCITE by-laws and policy manual in 2009, lifetime members of ITE may be offered free membership in KCITE. The chapter had 3 lifetime members in 2018 (two retired and one posthumously). As described above, the income from annual dues is used to support the various operations of the Chapter.

6. Membership

In 2018, KCITE experienced a slight reduction in membership. The KCITE Board is committed to bringing membership back up in 2019. In 2014, KCITE worked closely with the KU chapter that did a mass sign up during one of their chapter meetings, but renewals did not occur in 2015. With hopes to increase student involvement and membership for 2019, we plan to host a chapter meeting at the University of Missouri - Kansas City (UMKC) campus. Additionally, we encourage our membership to attend and or present at the KU and KSU ITE Chapter meetings. We are optimistic that our membership will continue to grow and join the ITE parent organization as the Board becomes more proficient with the features and capabilities of the KCITE website. For instance, the website makes it easier for the Board to identify and contact prospective members and encourage them to join.

Membership	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Total KCITE Members	144	166	119	117	143	123	112	123	121	119	147
Chapter Members	76	116	83	80	79	68	71	78	84	75	86
Chapter Affiliates	47	45	34	32	36	52	37	43	32	39	53
Lifetime Members	2	2	2	2	2	2	0	2	1	N/A	N/A
Student Affiliates	3	3	0	3	26	1	4	0	4	5	N/A

7. Financial Statement

The KCITE Financial Statement is a summary of the income and expenses that the Chapter incurred during the year. The statement includes all financial transactions from the end of 2017 to end of 2018. The 2018 Annual Financial Statement is included in the Appendix and is summarized below.

2018 Financial Statement Summary	
Beginning Balance as of 12/31/2017	\$4,506.89
2018 Total Income	\$16,411.78
2017 Total Expenses	\$14,664.69
Ending Balance as of 1/15/2019	\$6,253.98
KCITE FEIN: 33-1083149	

Income slightly outweighed expenses in 2018 due to well-planned chapter meetings and utilizing sponsors for our Annual Golf tournament prizes. Website Sponsorship income was approximately \$1,100 with \$400 paid in 2017 and not reflected in the 2018 income.

KCITE continues to use a standardized process for transferring money from Paypal to the KCITE bank account. The Board had previously agreed that a minimum dollar amount (\$200) that would always reside in the KCITE Paypal account, and that after each chapter meeting, all funds in the Paypal account above the \$200 base are to be transferred to the regular KCITE bank account.

8. Meetings

KCITE typically holds chapter meetings six (6) times a year on the second Thursday of every other month. These months are: January, March, May, July, September, and November. Meeting locations vary and are sometimes dependent upon the meeting topic. The Arrangements Committee also strives to hold meetings in various parts of the chapter area to encourage attendance by all members regardless of their location.

Chapter Meeting Date	Total	Members & Affiliate Members	Students	Non-Members
January 18, 2018	60	44	0	16
March 15, 2018	50	40	0	10
May 10, 2018	60	41	0	19
July 12, 2018	48	39	0	9
September 13, 2018	65	53	0	12
November 15, 2018	49	41	1	7
Ave. Attendance	56	42	0	12

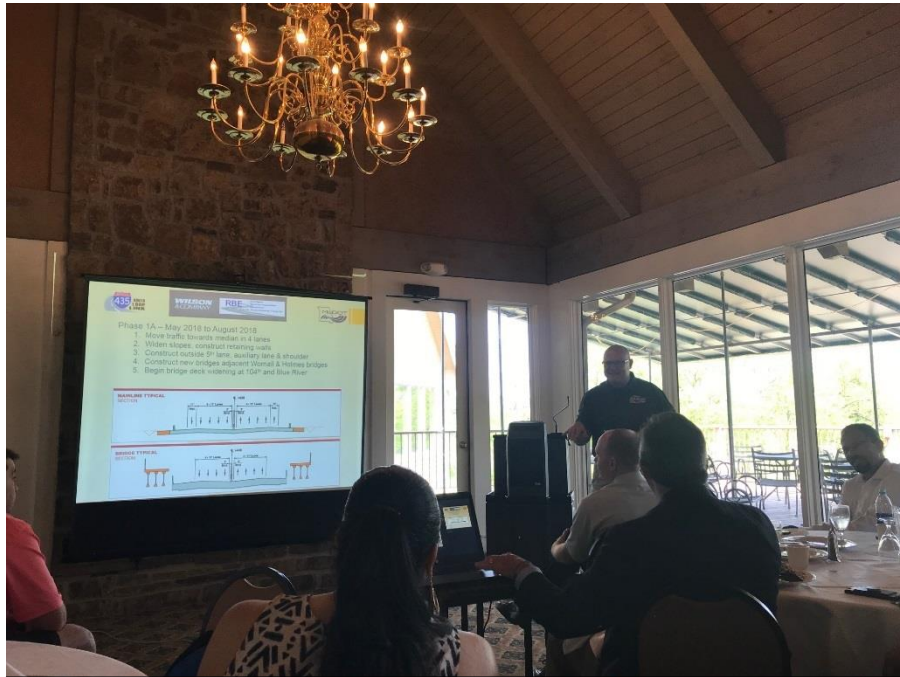
The average meeting attendance in 2018 was identical to 2017 with the exception that we had only one student attend the November chapter meeting in 2018. We anticipate the number of students who attend to increase in 2019 with our continued engagement with the KU Student Chapter as well as UMKC.

9. Meeting Summary

A summary of the meeting notices is included in the Appendix of this report. The chapter meeting minutes and photos taken during each meeting are also included in the Appendix. The meeting dates, locations, speaker(s), topics and PDH's awarded for each meeting are included below.

Chapter Meeting Date	Location	Speaker	Topic	PDH
January 18, 2018	Olathe Community Center Olathe Kansas	Bob Bennett KCMO, Chief Innovation Officer	Kansas City, "Smart City Initiative"	1.0
March 15, 2018	Cinzetti's Italian Market Overland Park, KS	Bike Walk KC Representatives	"Bike Walk KC" Removing barriers for these transportation modes.	1.0
*May 10, 2018	Deer Creek Golf Club Overland Park, KS	Perry Allen, MoDOT, Design Build Administrator, MoDOT Ed Radmacher, Radmacher Bros., Design Build Contractor	I-435 South Loop, Design Build	1.0
July 12, 2018	Black on Burlington North Kansas City, MO	Patrick Klein, Director of Aviation Kansas City Aviation Department	The new Kansas City International Airport.	.5
September 13, 2018	Johnson County Arts and Heritage Center Overland Park, KS	Blake Hansen, Olsson Associates Jeff McKerrow, Olsson Associates	The Missouri Hyperloop, A futuristic approach to transportation in Missouri.	1.0
November 15, 2018	Belvoir Winery Liberty, MO	Mike Wahlstedt, TranSystems	Missouri Route 152 corridor, An innovative approach to traffic management and congestion.	1.0
TOTAL				5.5

*Following the May Chapter Meeting, several teams competed in a golf outing.



Perry Allen, MODOT, Discusses the I-435 South Loop Design Build Project (May 2018)



David Church, KCITE Past President, Introduces Patrick Klein, Director of Aviation, Kansas City Aviation Department, to Discuss the Kansas City International Airport (July 2018)



Jeff McKerrow, Olsson Associates, Discusses the Futuristic “Missouri Hyperloop” between Kansas City and St. Louis (September 2018)



Bob Bennett KCMO, Chief Innovation Officer, Discusses the Kansas City “Smart City Initiative” (January 2018)

10. Community Awareness and Involvement Activities

KCITE held the Harvesters Food Drive as part of our July Chapter meeting. Several years ago, to improve participation, we revamped it to a food drive for Harvesters in which monetary donations were collected in lieu of canned donations. In 2018, Tom Evans, Vice President, included a link to PayPal for members to donate to Harvesters as part of the registration for the July Chapter meeting. KCITE members came through with donating \$462.00 which helped pay for 1,386 meals in the Kansas City Metro Area (three meals for every \$1 in donations). This is a record for Harvesters donations and we continue to raise the bar each year anticipating even more donations in 2019.



Tom Evans, KCITE Vice President,
presenting KCITE donation to Harvesters

The KCITE board continues to investigate ways to encourage and educate youth regarding opportunities in transportation and traffic related fields. KCITE continues to sponsor the Future City competition. The Future City competition is for sixth, seventh and eighth grade students in the Great Plains region. The students are challenged to develop



Team Odayga from Saint John Catholic School in Lawrence, KS Compete in
the 2017/2018 Future City Competition

a City using SimCity, write an essay, build a physical model, and present to judges on the day of the competition. For the last nine years, the KCITE board has sponsored an award that recognizes an exemplary student team. This year KCITE awarded team Vitae Ludzie from Saint John Catholic School in Lawrence, KS the "Present It" Award for the team with the best communications.

The Future City competition was held January 20, 2018 at the University of Kansas in Lawrence, KS. Several chapter members participated as judges of essays prior to the competition or for models/presentations at the event including: Matt Volz, Dave Mennenga, Kim Curry, Lisa Shofstall, Jim Tobaben, Dennis Randolph, David Church and others. KCITE is proud to continue its involvement with this event on a yearly basis. The 1st place award went to West Middle School in Lawrence, KS who competed at Nationals in Washington D.C. in February 2018. In 2017, the “Teratai” team from Southwest Middle School placed fifth overall out of 43 teams and won the NSPE special award while competing at the National Finals in Washington DC!

11. Technical Activities

KCITE hosts various technical or training activities throughout the year. Training locations vary and are dependent upon current interest within the KCITE community. The annual goal per KCITE’s Policy Manual is to provide our members with the opportunity to receive at least 15 PDHs through chapter meetings (6PDHs) and training activities (9PDHs); in 2018, KCITE offered a total of 14.0 PDHs which exceed the goal for the training outreach. All detailed information is located on our website.

Sponsorship of training activities by public agencies and private companies is encouraged to minimize expenses, as trainings have typically been offered at no cost to the attendee. KCITE has focused on workshop type training activities.

Below is a brief description of training, held in 2018, shown in the following table:

Event Date	Title	Location	Sponsors	PDH	No. of Attendees
March 22, 2018	Accessible Pedestrian Signals & Flashing Yellow Arrows	TREKK	KCITE	1.0	25
June 5, 2018	Highway Safety Manual Training	Burns & McDonnell	KCITE	1.5	23
June 26, 2018	ADA Basics in the Right-of-Way, Legal Background and the Outdoor Experience	TranSystems	KCITE / MoDOT	4.5	26
September 25, 2018	“Replica” – Full-Scale Travel Demand Models	MARC	KCITE	1.0	21
October 18, 2018	BikeWalkKC – Planning & Designing for Cyclists	BikeWalkKC	KCITE / BikeWalkKC	6.0	12
TOTAL				14.0	107



Dan Fuchs (Fuchs Traffic Technology) and Jose Rodriguez (Wilson & Company), Discuss Accessible Pedestrian Signals & Flashing Yellow Arrows for a Training Workshop at TREKK Design Group (March 2018)

12. Student Chapter Activities

KCITE supports two local student chapters. The University of Kansas (KU) chapter is an established student chapter and several students have attended and presented at chapter meetings and KCITE-sponsored training opportunities in previous years. In 2018, KCITE had 3 student affiliate members. Our goal is to increase our student involvement with KCITE in the future. We strongly encourage members of KCITE to support the student chapter's activities on campus (the student chapter meets regularly) and provide assistance as requested through speaker coordination and professional representation at meetings. The KCITE led Local Arrangements Committee (LAC) for the 2018 Fall MOVITE Meeting in Lenexa, KS also coordinated with students from the KU ITE Student Chapter to fill volunteer positions for the meeting.



Students from the University of Kansas ITE Student Chapter Attend the Fall 2018 MOVITE Meeting in Lenexa, KS

University of Missouri Kansas City (UMKC) students and staff worked to start a chapter several years ago; however, with staff and student transitions we have not seen growth of the UMKC chapter. The engineering program at UMKC is small and getting faculty support and student interest in a student organization has been difficult. KCITE continues to reach-out to the University and to encourage students and faculty to attend meetings and get involved with KCITE. We hope that in the future a stronger student chapter can be established and that KCITE can continue support of those students.

KCITE continues to offer student sponsorship in the form of free annual membership to the chapter, free attendance to the chapter meetings, and reimbursement of transportation needed to attend chapter activities. KCITE also offers all training activities to students, for a reduced fee or no fee at all.

13. Awards Program

In 2004, the Chapter established the KCITE Excellence in Transportation Award that is presented annually to an organization(s) in the categories of transportation planning, operations and facilities for an outstanding transportation project. Nominations are for projects completed in the previous year within the KCITE chapter boundaries. All submittals are submitted to MOVITE for regional award consideration. In 2018, KCITE selected the team of HNTB /Kansas Turnpike Authority (KTA) for the “KTA Open Road Tolling, Conversion of East Terminal” project.

2017 Excellence in Transportation Award Nominees

- KC Scout - JAWS Debris Removal Innovation
- HNTB / KTA - KTA Open Road Tolling, Conversion of East Terminal
- HDR / ITS Heartland - ITS Heartland’s TSMO University Educational Program (Phase I)
- Affinis / City of Overland Park - 159th Street Improvements, Metcalf Avenue to Nall Avenue



Lindsay Francis, KCITE President, presents the 2017 Excellence in Transportation Award to a representative from HNTB and the KTA

14. Chapter Website

Beginning in 2013, KCITE entered into an agreement with a vendor called StarChapter to host and create a new website for the chapter. StarChapter markets its services to local volunteer run chapters of professional organizations. The service allows the board to conduct several of our different functions through the website. Our e-mails, meeting and training event registration, elections and data storage are all accessed through the website, instead of the separate platforms that were previously used. This report and most of the appendices can be accessed electronically through the website.

The website continues to be a source for members and non-members to find information on local activities. The website can be found at www.kcite.org. The website is utilized to publicize all chapter meetings, training activities, and other transportation related events or trainings. Visitors to the website can find chapter meeting agendas, minutes, previous presentations, board and committee member listings, contact information for board members, and other information.

The most significant change that has come from the website is that a profile is created for each member. Members are assigned a user name and password, allowing them to log in to the website using their profile. Once logged in, members can register for events or update membership information. That information is instantly updated and stored in a location and format that is easy for the board to access. Several other beneficial features have included the ability to pay for meetings and memberships through PayPal. Microsoft Outlook appointments can be generated for events so they can be added to calendars. The board can easily generate reports about meetings, attendance, memberships, and dues from a secure administrative section of the website. There are many more features in StarChapter that can be implemented by KCITE. These features should lead to more improvements to the website and benefits to the membership in the future as the board becomes more familiar with the service.

The efforts taken to improve the KCITE website has been recognized by members and by MOVITE. In 2015 and 2016 MOVITE awarded KCITE with the “Best Chapter Website” award within the MOVITE region.

In 2015 KCITE embraced social media with LinkedIn, Facebook and live Twitter feeds during our meetings. Since then, we have continued to grow our social media presence with Twitter (@KC_ITE) having 1,028 “following” & 309 “followers” and Facebook (@KansasCityITE) having 220 “likes” where we share and retweet information related to transportation.



@KansasCityITE



@KC_ITE

15. Coordination with MOVITE

KCITE as an organization is in a unique situation as we encompass not only multiple municipal, county jurisdictions but also two states. With membership on both sides of the state line we can work with both the Missouri and Kansas MOVITE directors who coordinate with KCITE and provide a direct link to MOVITE. In 2018, Kendra Miller, past KCITE President in 2016, served her first year as MOVITE Kansas Director. Dane Seiler, out of Springfield, Missouri is currently serving as the MOVITE Missouri State Director. We look forward to continuing the strong relationship we have had in the past with MOVITE and assisting the Directors in achieving the goals of MOVITE and KCITE.

KCITE members have a long history of attending the Spring and Fall MOVITE meetings including current and past board members. Additionally, KCITE members serve as speakers, vendors and board members of MOVITE.

At the 2018 MOVITE Fall Meeting, KCITE was honored by receiving the “Best Chapter Award” for our efforts during the previous year. The KCITE Board wants to thank MOVITE for being selected for this distinguished award.



In 2018, the Fall MOVITE conference was held in Lenexa, Kansas from October 3rd through the 5th, 2018 at the City Center Convention Center in the part of the Hyatt Place hotel. Many KCITE members, including the President and Past-President, have volunteered to create the Local Arrangements Committee (LAC) to help plan the meeting. The Chair of the LAC was Kurt Rotering, who is a very active KCITE member, and did a tremendous job leading the planning efforts for the meeting. Kurt was supported by the

following KCITE members on the LAC: Kendra Miller (MOVITE Kansas Director), Jay Aber (KCITE Arrangements Committee), Mandy Anderson, Dave McDonald (KCITE Affiliate Member), Matt Volz, Janelle Clayton (KCITE Member Director), Brian Geiger (2016/2017 MOVITE Kansas Director), Sean Kellar, David Church (KCITE Past President) and Dave Mennenga (2018 MOVITE President).



2018 MOVITE Fall Meeting Local Arrangements Committee (LAC)



2018 MOVITE President, Dave Mennenga, Plays Golf with Members



MOVITE Social at Thompson Barn, Lenexa, KS



Golf @ Tomahawk Hills Golf Course, Shawnee, KS





MOVITE Past President's Breakfast



Dave Mennenga is Presented the Past President's Plaque



Presentation to MOVITE Members

Appendix

2018 KCITE Annual Report

Electronic Appendix Contents:

- 2018 Budget and Financial Statement -
http://kcite.org/content.php?page=Annual_Budgets
- Chapter Meeting and Training Notices, Agendas and PDH's -
https://kcite.org/meetinginfo.php?p_or_f=p&y=2018

APPENDIX F

LOCATE CHAPTER

2018 ANNUAL REPORT

2018 ANNUAL CHAPTER REPORT



Lincoln - Omaha - Council Bluffs
Association of Transportation Engineers

Prepared By:

Shane King, PE, PTOE

2018 LOCATE Chapter Secretary



Summary

The Lincoln-Omaha-Council Bluffs Association of Transportation Engineers (LOCATE), a local chapter of the Missouri Valley section of ITE (MOVITE), celebrated its 13th year as a chapter in 2018. Through the leadership of our president, Chris Rolling, the chapter continued its commitment to providing professional development opportunities for public and private sector transportation professionals in the Lincoln-Omaha-Council Bluffs area as well continued support of the Drive Smart program.

In addition to our general meetings, LOCATE continued its participation in:

- The LOCATE/UNL Meet & Greet
- The Annual NEASCE/LOCATE Transportation Conference (co-sponsor).
- The Joint NSPE/LOCATE Meeting

Membership

Chapter membership saw an approximate 20% increase over 2017. Excluding the Annual Meeting, regular attendance hovered around 30 members per meeting. We continue to see success by rotating meeting locations around Lincoln, Omaha, and Council Bluffs. The LOCATE chapter also continues to sustain a fair number of student and affiliate members. As of December 31, 2018, LOCATE membership totaled 110.

2018 Membership Numbers

Chapter Members	78
Chapter Affiliates	32

Total LOCATE Members 110

Activities

The 2018 Chapter calendar was filled with a variety of technical and social events. LOCATE held four general meetings (including the annual meeting) and collaborated with ASCE and NSPE on two joint events. Additionally, the chapter hosted a mini-golf social outing for its members. Throughout much of the year, the organization of Chapter activities and notification of members were done electronically through the Chapter's website. Meeting agendas for each of the meetings are available in the **Appendix**. Each of the events is described as follows:

- **February 2018:** The first general meeting of the year was in Council Bluffs on February 28, 2018 at Barley's Bar. The meeting featured Steve Garbe from Iteris (**Figure 1**), who gave a presentation on the Kanesville Boulevard Adaptive Signal Control System in Council Bluffs. The presentation covered the various challenges and processes involved in the project. (28 members in attendance).
- **March 2018:** The second general meeting was held in Lincoln on March 28, 2018 at the UNL Whittier Research Center. Lonnie Burkland from the City of Lincoln (**Figure 2**) gave a presentation covering Lincoln's Autonomous Shuttle Project, and a Green Light Lincoln update. (24 members in attendance). This meeting followed the seventh annual Transportation Meet & Greet. LOCATE worked with the UNL Transportation department and the UNL ITE student chapter to introduce students to professionals from five companies and agencies to discuss career opportunities, with approximately six students attending. Proceeds from the event went towards the Dr. McCoy scholarship fund.
- **May 2018:** The 13th annual LOCATE/ASCE Nebraska Chapter Transportation conference was held on May 4, 2018 at the Walter Scott Conference Center on the University of Nebraska-Omaha campus (**Figure 3**). The all-day event featured speakers from around the area who discussed various topics and projects including Transportation Implementation Strategies, Speed Limit Studies, Interchange Projects, Corridor Improvements, Transit, and the Future of Engineering. (Attendance: +100).



Figure 1 – Steve Garbe presenting at the February meeting

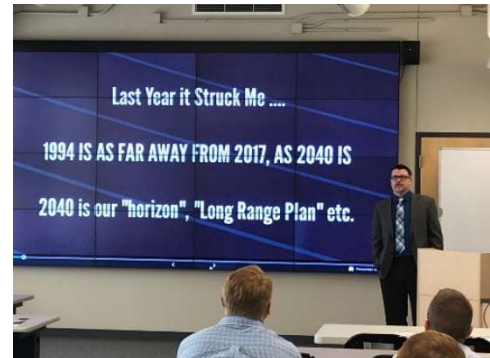


Figure 2 – Lonnie Burkland presenting on Autonomous Shuttles and Green Light Lincoln



Figure 3 – The May ASCE/LOCATE Conference

- **June 2018:** The June general meeting was held in Council Bluffs, IA on June 21, 2018 at River's Edge Park Pavilion. Ticha Rohan and Mark Touch from HDR (**Figure 4**) presented on the Sioux City Interstate 29 Reconstruction Project. (25 members in attendance).



Figure 4 – The June general meeting

- **July 2018:** The LOCATE Board again hosted the fourth annual mini-golf member appreciation event at Boulder Creek in Omaha on July 19, 2018 (**Figure 5**). Despite the heat, around 15 members gathered to enjoy a little friendly competition.



Figure 5 – LOCATE members enjoying the July member appreciation event

- **September 2018:** The September general meeting was held in Lincoln on September 14, 2018 at Misty's Steakhouse (**Figure 6**). Jenny Young – FHU and Kellee Van Bruggen – City of Lincoln spoke on Lincoln's On-street Bicycle Facilities. (32 in attendance, 6 students).



Figure 6 – Jenny Young presenting at the September meeting

- **November 2018:** The November meeting was a joint meeting with the Nebraska Society of Professional Engineers (NSPE). The meeting was held in Omaha at the Scott Conference Center on November 15, 2018, and featured Gayle Sturdivant from the City of Omaha (**Figure 7**), presented on Omaha Public Works Specifications & Complete Streets & Path to Implementation. (34 LOCATE members in attendance).



Figure 7 – Ryan Haas introducing Gayle Sturdivant.

- **December 2017:** The final event for 2018 was the LOCATE annual meeting on December 17, 2018 in Ashland, NE. The meeting was held at Parker's Smokehouse and included the end-of-year business meeting followed by a speaker. The Nebraska State Director for MOVITE, Bryan Guy, provided an update, and the LOCATE board provided an annual recap. The new board member was announced, and Adam Denney was honored as the departing chapter President. The speaker at the annual meeting was NDOT Director Kyle Schneweis who gave an update on the State's Transportation System (**Figure 8**). The meeting also featured games and prizes for participants. (69 in attendance).



Figure 8 – Kyle Schneweis at the annual meeting

Table 1 below summarizes the activities and total attendance for 2018:

Table 1. 2018 LOCATE Event Summary

Date	Event	Location	Speaker	Topic	Attendance
2/28	February General Meeting	Barley's Bar – Council Bluffs, IA	Steve Garbe, Iteris	Kanesville Blvd Adaptive Signal Control System	28
3/28	March General Meeting/Student Meet & Greet	Whittier Building - UNL - Lincoln, NE	Lonnie Burklund, City of Lincoln	Autonomous Shuttle Project & Green Light Lincoln	24
5/4	LOCATE/ASCE Joint Conference	Scott Conference Center – Omaha, NE	Various	Various	100+
6/21	June General Meeting	River's Edge Park Pavilion – Council Bluffs, IA	Ticha Rohan and Mark Touch, HDR	Sioux City I-29 Reconstruction Project	25
7/19	Mini-Golf Social Event	Boulder Creek – Omaha, NE	-	-	15
9/14	September General Meeting	Misty's Steakhouse – Lincoln, NE	Jenny Young, FHU and Kellee Van Bruggen, City of Lincoln	Lincoln On-street Bike Facilities	32 (6)*
11/15	Joint LOCATE/NSPE Meeting	Scott Conference Center - Omaha, NE	Gayle Sturdivant, City of Omaha	Public Works Specifications & Complete Streets	34**
12/17	Annual Meeting	Parker's Smokehouse – Ashland, NE	Kyle Schneweis, NDOT	Nebraska Transportation System	69

* Additional student attendees shown in parentheses

** Does not include NSPE attendance

Drive Smart

This project was initiated in 2008 after the MOVITE president challenged local chapters to find ways to “make a difference” in their communities. In response, LOCATE developed an outreach program to educate local area high school students regarding safe choices when driving. The goal of the program is to discuss safe driving choices with teens that are either beginning to drive or have just begun driving. By introducing these topics to drivers at a young age, we hope to help them form good driving habits and raise their awareness regarding the various consequences associated with poor choices behind the wheel.



At the end of 2015, this program became independent of the LOCATE organization. However, it is still primarily staffed and run by LOCATE members and receives sponsorship through LOCATE. Recent budget surpluses in LOCATE, along with income from the recent increase in annual member dues, have allowed the organization to provide a small budget for presentation materials, handouts, and an annual appreciation event for the presenters.

The program is run and maintained by Brian Johnson and Jake Weiss. Brian organizes presentations in volunteers within Lincoln and Jake takes care of Omaha metro presentations. Together, they have scheduled presentations that reached 3,380 students in 2018. Cumulatively since its inception, the Drive Smart Presentation has been shown to over 21,930 students.

In August, LOCATE members Brian Johnson, Jake Weiss, Adam Denney, Ryan Haas, and Shane King were on hand in Minneapolis at the ITE Annual Meeting to receive the ITE Safety Council Award (**Figure 9**). This award is well deserved by all the volunteers over the past decade and their dedication to making a difference.

The Safety Council Award application including a summary of the Drive Smart activities is shown in the **Appendix**.

Figure 9 – ITE Safety Council Award



Board Activities

The Board of Director's met two times in 2018 to coordinate a variety of things from Chapter activities to website updates. Board meetings were carried out in person and via conference calls depending on availability and need. Meeting agendas for each of the meetings are available in the **Appendix**. A summary of the meetings is shown in **Table 2**.

Table 2. 2018 LOCATE Board Event Summary

Date	Event	Location
January 16, 2018	Kick-off Meeting	Cunningham's Bar & Grill
May 21, 2018	Board Meeting to discuss Meet & Greet, elections, Annual Meeting, and other various issues	Conference Call

Leadership Transitions

Elections for our 2019 officers were held in early December of 2018. Three candidates vied for the position of Treasurer: David Andersen, Brooke Barrett, and Michael Golka. The candidate bios are included in the **Appendix**. Dr. Larry Rilett ran un-opposed as Director of Education. As in previous years, this process was administered through the election website, OpaVote. Private, electronic ballots were sent out to the membership and all voting was kept confidential. The total cost to use the OpaVote voting system was \$20. Voter turnout was strong, with 60 returned ballots. The results of the 2019 Officer Elections are shown below and can be found in the **Appendix**:

President	Ryan Haas
Vice President	Shane King
Secretary	Garret Menard
Treasurer	David Andersen (New Board Member)
Affiliate Director	Austin Yates
Director of Education	Dr. Larry Rilett
Past President	Adam Denney

Finances

In 2018 LOCATE again carried a budget surplus, which has allowed the organization to continue its contributions to the following expenditures:

- Sponsorship of Drive Smart
- Contributions to the McCoy Scholarship Fund
- Free lunches for students attending general meetings
- Member Appreciation event
- Expenses related to the LOCATE website
- Miscellaneous meeting expenses

Annual dues and lunch costs charged to the members primarily covered the expenses related to general meetings and other operations of the Chapter, such as providing free meeting attendance (including meals) for students. 2018 member dues were \$15. Income from MOVITE was used to fund the other expenditures. The board again contributed to the existing Pat McCoy Scholarship fund. At the end of 2018, the Chapter's account balance was \$11,675.53. The additional income from the higher dues helped to cover the increased support provided by the Chapter (as described above). The large balance increase over 2017 is primarily attributed to profits from the Spring MOVITE meeting. The final 2018 Treasurer's Report, listing total expenses, revenues and reserves, is included in the **Appendix**.

With the 2018 financial information, anticipated future expenses and income were estimated to develop a Chapter budget for 2019. The 2019 Budget will be approved by the Board of Direction in early 2019 and is included in the **Appendix**.

Appendix:

2018 Annual Chapter Report

Contents include:

- General Meeting Agendas
- Summary of Drive Smart
- Board Meeting Agendas
- Election Results
- 2018 Actual Income & Expenses
- 2019 Budget

General Meeting Agendas

LOCATE General Meeting

February 28, 2018

11:30 am – 1:00 pm

Barley's

114 West Broadway

Council Bluffs, IA 51503

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1. Lunch

2. President's Report, Adam Denney

a. DriveSmart

i. Upcoming Opportunities

- Friday, March 2nd at Duchesne
- Tuesday, April 3rd at Gretna Aspen Creek Middle School
- Wednesday, May 23rd at Millard West

ii. Need Volunteers in Lincoln

iii. 2018 ITE Safety Council Award Submittal

b. Website (www.locatechapter.org)

i. Member Dues

- Prize at March Meeting

ii. Issues

c. MOVITE

i. Meeting Registration is Open

- <http://www.movite.org/meetings/spring-meeting/registration/>

ii. Golf Registration (Wednesday April 4, 2018)

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3. Vice President's Report, Ryan Haas

- a. 2018 Transportation Meet and Greet (March 15 or 27, 2018) – Whittier Research Center – Lincoln, NE
- b. NEUG Conference (March 28-29, 2018) - Nebraska Innovation Campus Conference Center– Lincoln, NE
- c. 2018 Spring MOVITE Meeting (April 4-6, 2018) – Marriot Downtown – Omaha, NE
- d. 2018 ITS Heartland Annual Meeting (April 23-25, 2018) - Cornhusker Marriot – Lincoln, NE
- e. 2018 NEASCE/LOCATE Transportation Conference (May 4, 2018) – Scott Conference Center – Omaha, NE

4. Secretary's Report, Shane King

- a. 2017 Treasurer Report Audit

5. Treasurer's Report, Garret Menard

- a. Member Dues
- b. Financial Report (Balance)

6. Affiliate Director's Report, Austin Yates

7. Presentation: Kanesville Boulevard Adaptive Signal Control System

- a. Speakers: Steve Garbe, Iteris



Lincoln - Omaha - Council Bluffs
Association of Transportation Engineers

LOCATE General Meeting

March 27, 2018

11:30 am – 1:00 pm

UNL Prem S. Paul Research Center

2200 Vine Street

Lincoln, 68503

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1. Lunch

2. President's Report, Adam Denney

a. DriveSmart

i. Upcoming Opportunities

- Wednesday, May 23rd at Millard West

ii. Need Volunteers in Lincoln

iii. Almost reached 20,000 student milestone

b. MOVITE

i. Meeting Registration is still open (LAST CHANCE)

- <http://www.movite.org/meetings/spring-meeting/registration/>

ii. Golf Registration (Wednesday, April 4, 2018) Still spots available

c. LOCATE Website

i. Membership Portal Issues

ii. No More Login or Members Only Section

3. Vice President's Report, Ryan Haas

- #### a. NEUG Conference (March 28-29, 2018) - Nebraska Innovation Campus Conference Center– Lincoln, NE

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Downtown – Omaha, NE
 - c. 2018 ITS Heartland Annual Meeting (April 23-25, 2018) -
Cornhusker Marriot – Lincoln, NE
 - d. 2018 NEASCE/LOCATE Transportation Conference (May 4, 2018) –
Scott Conference Center – Omaha, NE
 - e. June General Meeting – Council Bluffs, IA (Date: Mid June)
- 4. Secretary's Report, Shane King
 - a. 2017 Treasurer Report Audit
 - 5. Treasurer's Report, Garret Menard
 - a. Member Dues
 - b. Financial Report (Balance)
 - 6. Affiliate Director's Report, Austin Yates
 - 7. Presentation: Lincoln's Autonomous Shuttle and give an update on Green
Light Lincoln
 - a. Speakers: Lonnie Burklund, City of Lincoln
 - 8. Membership Prize Drawing

OLSSON
ASSOCIATES

HDR

FELSBURG
HOLT &
ULLEVIG

Thiele Geotech Inc

LAMP RYNEARSON



LAMP RYNEARSON

[illegible]

A stylized illustration of a city skyline. The buildings are represented in various shades of blue and white. The central focus is a tall, dark blue skyscraper with a white, rounded top. To its left is a white skyscraper with a grid of windows. To the right of the central building is a tall, light blue skyscraper with vertical lines. Further right are several smaller buildings, some with horizontal white stripes. The background is a solid dark blue.

SCOTT CONFERENCE CENTER
OMAHA, NEBRASKA

Paul Knieval <i>HDR</i>	Randy Hoskins <i>City of Lincoln</i>
Bill Wegner <i>HDR</i>	Todd Pfitzer <i>City of Omaha</i>
Ryan Haas <i>City of Omaha</i>	Randy Peters <i>University of Nebraska</i>
Michael Helgerson <i>Metropolitan Area Planning Agency</i>	Moe Jamshidi <i>Nebraska Department of Transportation</i>

2018 NEASCE/LOCATE TRANSPORTATION CONFERENCE AGENDA

8:30 AM: WELCOME			
(Paul Knievel - ASCE Transportation Co-Chair - HDR) (Bill Wegner - ASCE Transportation Co-Chair - HDR) (Ryan Haas - LOCATE Vice President - City of Omaha)			
TIME	SPEAKER	TOPIC	DESCRIPTION
8:30 AM	• Paul Knievel & Bill Wegner; NEASCE Transportation Co-Chairs, HDR • Ryan Haas; LOCATE Vice-President, City of Omaha	Welcome	Opening Remarks
8:35 AM	• Todd Heistand; NUSTYLE Development Corp. • Doug Bisson; HDR • Matt Kruse; Lamp Rynearson • Al Nelson; HDR	Creighton University Medical Center Redevelopment Transportation Improvements	This fast-paced project led by NUSTYLE Development Corporation is re-purposing the previous Creighton University Medical Center into the Atlas Omaha Apartments. Impressive in scale on its own, the redevelopment of the Medical Center includes significant changes to the nearby transportation infrastructure. This project, which includes aspects of CM/GC contracting method, has required close coordination between the developer, the City of Omaha, and the NDOT. Transportation network changes include road diets and a new pedestrian bridge spanning US-75, which connects The Atlas directly to Creighton University, among other spin-off street projects.
9:30 AM	• Jeff McKerrow; Olsson Associates	City of Lincoln Transportation Implementation Strategies	The City of Lincoln hired Olsson’s to develop strategies to improve the City’s transportation system, focusing on system preservation, optimization, and growth. Working with the mayor’s Citizens’ Transportation Coalition, a collection of 27 civic leaders, elected officials and city staff, a series of recommendations were identified and endorsed by the coalition for implementation of best management practices. Through this process, the coalition overwhelmingly supported increased funding for transportation, likely through a sales tax increase. This has the potential of ultimately generating between \$20 - \$30 million in new annual revenue for transportation, up to a 50 percent increase in the transportation budget.
10:00 AM: BREAK			
10:15 AM	• Alan Swanson; NDOT • Shane King; Olsson Associates	Statewide Speed Limit Studies	NDOT will discuss how they evaluate speed limits across the State, what goes into an engineering study and speed limit laws, facts, and myths.
10:40 AM	• Wes Mayberry; IaDOT • Scott Suhr; IaDOT	Traffic Management: Can you handle it?	The Iowa DOT has been putting a lot of emphasis on Transportation System Management & Operations (TSMO) in the last few years. But how often does traffic safety, traffic operations and traffic incident management become the guiding principles for the final design and construction staging of a major urban interchange? These very principles are what drove a major overhaul of the construction staging and final design refinement of the I-29/I-480/West Broadway system interchange (Segment 4) for the Council Bluffs Interstate Improvements program. By refocusing the guiding principles, traffic operations and traffic safety can be better accommodated during construction. The added benefit is that the final interchange configuration will be more reliable and easier to maintain and operate given the considerations given to TSMO during the design process.
11:10 AM	• John Markt; HDR	Iowa DOT Intersate 80 Automated Corridor	HDR developed Iowa DOT’s first automated vehicle corridor study on rural Interstate 80 to determine how emerging technology impacts freeway design and operations. The presentation of the study will cover innovations in planning approach, traffic operations and traffic safety analysis, and introduce future-proofing.
11:40 AM	• Jodi Gibson; NDOT	LPA	M&R is going through a lot of changes, both in people and processes. Processes evolving to make things go better. Discuss the survey of LPAs and opportunities for improvement.

2018 NEASCE/LOCATE TRANSPORTATION CONFERENCE AGENDA (CONTINUED)

TIME	SPEAKER	TOPIC	DESCRIPTION
12:00 PM: LUNCH			
1:00 PM	• Matt Hubel; Schemmer Associates	Business	ASCE Dream Big Trailer and ASCE or LOCATE Business
1:10 PM	• Ted Zetzman; Noddle Co. • Joe Flaxbeard; Lamp Rynearson • Brian Ray; HDR • Steve Moffitt; HGM	West Farm Development Transportation Improvements	The West Farm Development is a new mixed-use community located on farmland once owned and operate by the historic Boys Town Village and the DeMarco family. This noteworthy development will be a major driver for growth and traffic in the West Omaha area and has necessitated significant investment in transportation infrastructure. The discussion will feature an overview of the project, the associated traffic study, the new internal street network, external street network modifications, and the modification of the 144th and 150th Street interchanges.
2:10 PM	• David Young; City of Lincoln	Lincoln’s Micro-Autonomous Vehicle Shuttle Program	The City of Lincoln received a \$100,000 grant from Bloomberg Philanthropies to develop a pilot program for an on-demand, autonomous shuttle system in the downtown area. This presentation will describe the concept, the hurdles to implementation and the next steps forward to a fully operating system.
2:40 PM: BREAK			
2:55 PM	• Kyle Keller; NDOT • John Smith; HDR	US-275 Design Build	Nebraska Department of Transportation has the statutory authority to use the accelerate delivery procurement methodology of design-build. NDOT is excited for the first design-build project, Scribner-West Point. NDOT has teamed with HDR Consulting, Owner’s Representative, to help establish this new procurement process as well as conduct engineering services, environmental services, and ROW activities. The presentation will provide an overview of obtaining this new tool, the inaugural project selected, the project scope, procurement activities, challenges, and current status of the project.
3:25 PM	• Jason Rose; Metro • Joy Willoughby; Metro	Omaha Rapid Bus Transit (ORBT)	Omaha is following the lead of cities worldwide that use bus rapid transit to move thousands every day. Metro is excited to introduce Omaha Rapid Bus Transit (ORBT), the most significant tranist investment the city has seen in decades. ORBT will unite smart technology with streamlined travel upgrades for fast, frequent, and reliable public transportation. Welcome aboard!
3:55 PM	• Dr. Linzell; UNL	The Future of Civil Engineering, What it is and Could (Will?) Be	The creative process and quickly-evolving innovations in civil engineering require broad knowledge and innovation skills essential for solving today’s complex, multi-disciplinary engineering and societal problems. Our field is being driven by innovators who are not civil engineers and we should strive to educate, train and support future civil engineers who will have breadth of skills to become both excellent practitioners and future thought leaders. This presentation will provide an overview of what our field was, is and could be and examples of trends and current and potential activities that could motivate ALL civil engineers (students, practitioners and educators) to become actively involved in crafting our field’s future.
4:30 PM: CLOSING			
(Paul Knievel - ASCE Transportation Co-Chair - HDR) (Bill Wegner - ASCE Transportation Co-Chair - HDR) (Ryan Haas - LOCATE Vice President - City of Omaha)			

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LOCATE General Meeting

June 21, 2018

11:30 am – 1:00 pm

River's Edge Park Pavilion

4250 River's Edge Parkway

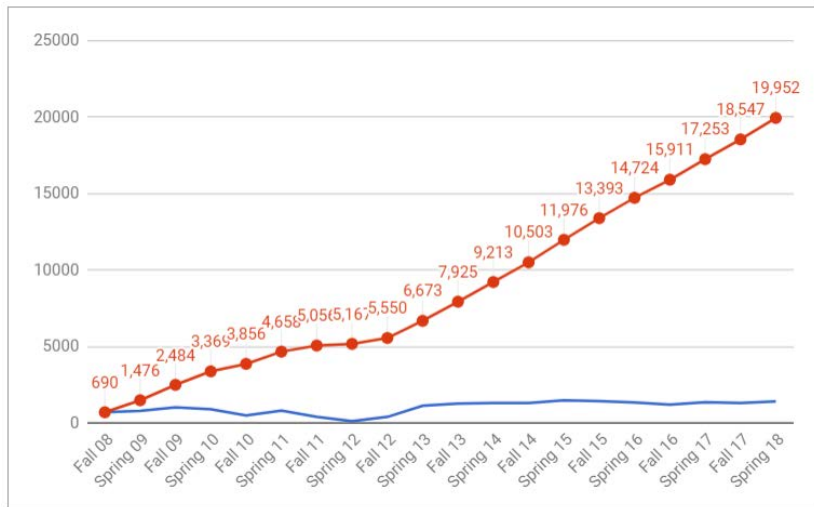
Council Bluffs, IA 51501

1. Lunch

2. President's Report

a. Drive Smart

- i. Drive Smart has WON the 2018 ITE Transportation Safety Council Organization Award
- ii. Need Volunteers in from this Summer /Fall
- iii. Upcoming Opportunity: Millard South, July 12th (10:00 am & 11:30 am)
- iv. Fall 17 & Spring 18 Total: 2,699
Almost reached 20,000 Student Milestone
(To Date: 19,952)



b. LOCATE Website

- i. Membership Portal Issues
- ii. No More Login or Members Only Section

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3. Vice President's Report, Ryan Haas

- a. July Member Appreciation Putt Putt Event – Boulder Creek Omaha, NE (Date: Thursday July 21, 2018)
- b. September General LOCATE Meeting – Lincoln, NE (Date: TBD Mid-September)
- c. October Joint NSPE/LOCATE Meeting – Omaha, NE (Date: TBD Mid-October)
- d. December Annual Meeting – Ashland, NE (Date: TBD Mid-December)

4. Secretary's Report, Shane King

5. Treasurer's Report, Garret Menard

- a. Member Dues
- b. Membership List Cleanup
- c. Ledger Adjustment
- d. Financial Report (Balance)

6. Affiliate Director's Report, Austin Yates

7. Presentation: Sioux City Interstate 29 Reconstruction Project

- a. Speakers: Ticha Rohan and Mark Tuch, HDR

8. Adjourned



Lincoln - Omaha - Council Bluffs
Association of Transportation Engineers

LOCATE General Meeting September 14, 2018

11:30 am – 1:00 pm

Misty's Steakhouse

200 N 11th Street

Lincoln, NE 68508

1. Lunch
2. President's Report
 - a. ITE Safety Council Award (Aug 21)
 - i. Brian Johnson, Jake Weiss, Adam Denney, Ryan Haas, Shane King received the award.
 - b. Upcoming Drivesmart Presentations
 - i. Omaha – Look for an email next week with signup.
September 20th – Gretna Aspen Creek Middle School
October 2nd – Gretna Middle School
October 16th – Millard West
 - ii. Lincoln
 - c. Drivesmart has been struggling for volunteers in the Omaha and Lincoln area. Please volunteer to help.
3. Vice President's Report, Ryan Haas
 - a. MOVITE Fall Meeting – Lenexa, KS
(Date: October 3 – October 5, 2018) Registration is Open
 - b. November Joint NSPE/LOCATE Meeting – Omaha, NE
(Date: TBD Mid-November)
 - c. December Annual Meeting – Ashland, NE
(Date: TBD Mid-December)
4. Secretary's Report, Shane King
5. Treasurer's Report
 - a. Member Dues
 - b. Financial Report (Balance)

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6. OneITE Update, Bryan Guy

7. Presentation: Lincoln MPO On-Street Bicycle Facility

- a. Speakers: Jenny Young, FHU and Kellee Van Bruggen, City of Lincoln

8. Adjourned



Lincoln - Omaha - Council Bluffs
Association of Transportation Engineers

LOCATE General Meeting November 15, 2018

11:30 am – 1:00 pm

Scott Conference Center
6450 Pine St, Omaha, NE 68106

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1. Lunch
2. President's Report, Adam Denney
 - a. ITE Safety Council Award (Aug 21)
 - i. ITE Award & ITE Journal Acknowledgement
 - b. Upcoming DriveSmart Presentations
 - i. Omaha – December 21st – Millard West
 - ii. Lincoln – New School Lincoln Northeast
 - c. DriveSmart has been struggling for volunteers in the Omaha and Lincoln area. Please volunteer to help. Contact Jake Weiss or Brian Johnson.
3. Vice President's Report, Ryan Haas
 - a. December Annual Meeting – Ashland, NE
Date: Monday, December 17, 2018
Speaker: NDOT Director Kyle Schneweis
Cost: \$10
4. Secretary's Report, Shane King
 - a. Elections
 - i. Treasurer
 - Brooke Barrett; Kirkham Michael
 - David Andersen; FHU
 - Mike Golka; Olsson
 - ii. Director of Education
 - Dr. Laurence R. Rilett; UNL



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- 5. Treasurer's Report, Garret Menard
 - a. Member Dues
 - b. Financial Report (Balance)
 - 6. MOVITE Update, Bryan Guy
 - 7. Presentation: Public Works Specifications & Complete Streets Updates & Path to Implementation
 - a. Speaker: Gayle Sturdivant, PE, PMP (Omaha Public Works)
 - 8. Adjourned



Lincoln - Omaha - Council Bluffs
Association of Transportation Engineers

LOCATE Annual Meeting December 17, 2018

11:30 am – 1:00 pm

Parker's Smokehouse

16880 US-6 Ashland, NE 68003

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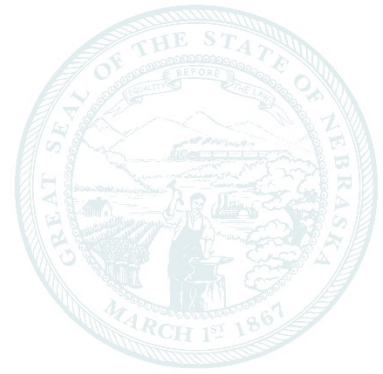
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1. Lunch
2. President's Report, Adam Denney
 - a. Year Recap
 - b. Election Results
 - i. Treasurer (3 Candidates)
 - ii. Director of Education (1 Candidate)
3. Vice President's Report, Ryan Haas
 - a. MOVITE Spring Meeting / MWITE Annual Meeting: June 19th– 21st, 2019 in St. Louis, MO
 - b. ITE 2019 Annual Meeting: July 21st – 24th, 2019 in Austin, TX
4. Secretary's Report
5. Treasurer's Report, Garret Menard
 - a. Member Dues Expire on December 31st, 2018. Renew Online
 - b. Financial Report (Balance)
6. DriveSmart, Brian Johnson & Jake Weiss
 - a. Year-in Review
 - b. Upcoming DriveSmart Presentations
 - i. Omaha – December 21st – Millard West
 - ii. Lincoln – New School – Lincoln Northeast
 - c. DriveSmart has been struggling for volunteers in the Omaha and Lincoln area. Please volunteer to help. Contact Jake Weiss or Brian Johnson.
7. MOVITE State Director's Report, Bryan Guy
8. 2019 Preview, Ryan Haas
9. Game, Drawing & Prizes
10. Presentation: Update on the States Transportation System
 - a. Speaker: Kyle Schneweis (NDOT Director)
11. Adjourned

Summary of Drive Smart



Pete Ricketts, Governor

February 20, 2018

Greetings ITE Selection Committee Members:

I am excited to submit this nomination letter in support of the LOCATE Chapter "DriveSmart" young driver outreach program. This program really fits the criteria for the **ITE Transportation Safety Council Organization Award** and is a fantastic example of engineers taking new and innovative approaches to increasing safety on our roads. In the MOVITE region, there is no other comparable program that connects with students on safe driving practices and also exposes students to transportation engineering at an early age. I see this as a win-win in Nebraska as we need to reduce crashes and fatalities of young drivers and we want to recruit the next generation of transportation engineers and professionals.

There is a lot of information about the DriveSmart program in this nomination. I would like to point out several key features of the program that make it a competitive candidate for this award. The primary thrust of the program is to put transportation engineers in a guest teaching role and provide the engineering perspective rather than a parent, school teacher or law enforcement perspective. This allows students to learn about driving risks through an engineering lens. Presentations that include the 4 E's of Safety, crash statistics, crash physics and other engineering based principles connect with the students in a fresh way. Students are also given the opportunity to experience impairment through use of "impairment goggles." Overall, the experience is unique, which leads to greater overall retention by students.

It is important to note that the DriveSmart program has been very well received by students, teachers, parents and administrators in our local communities. Nearly 20,000 students have heard the DriveSmart presentation over the last ten years. These results are no accident. Nebraska Engineers in the public and private sector have invested countless hours over the last ten years building this program up to educate and develop young drivers with the continued goal of increasing safety for our most at risk drivers.

It is a pleasure to nominate the DriveSmart program for the **ITE Transportation Safety Council Organization Award**. It is a wonderful example of engineers working together through volunteerism to increase safety and bring drivers to their destinations safely. The Drive Smart volunteer program is truly deserving of this great ITE award.

Sincerely,

Kyle Schneeweis, P.E.
Director
Nebraska Department of Transportation

LOCATE DriveSmart

Program Contacts:

👤 Jacob Weiss, EIT (Omaha)
Traffic Engineer
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jacob.weiss@hdrinc.com

👤 Brian Johnson, PE (Lincoln)
Project Manager
Nebraska Department of Transportation
402-479-3990
brian.johnson@nebraska.gov

Entry Checklist

- ✓ Nomination Letter
- ✓ Submittal Packet

Motor vehicle crashes are the **#1 leading cause of death for teenagers.**



Background of DriveSmart

The DriveSmart program is an educational outreach initiative conveying the importance of seat belt use, as well as the risks associated with distracted and impaired driving to at-risk high school and middle school students. By targeting these young individuals as they learn to drive, the DriveSmart program faces a key challenge to traffic safety head on.

DriveSmart is the culmination of a 2007 volunteer-led initiative based on a challenge from the MOVITE president to find ways for the local chapters to “make a difference” in their communities. The Lincoln-Omaha-Council Bluffs chapter of ITE (LOCATE) decided that educating high school aged drivers about good driving behaviors was one way to bring positive change to our community.



DriveSmart is an interactive presentation given by Transportation professionals to students in the classroom. The presentation content includes real world discussions on seat belt usage, the risks of distracted driving as well as impaired driving.

THE MESSAGE:

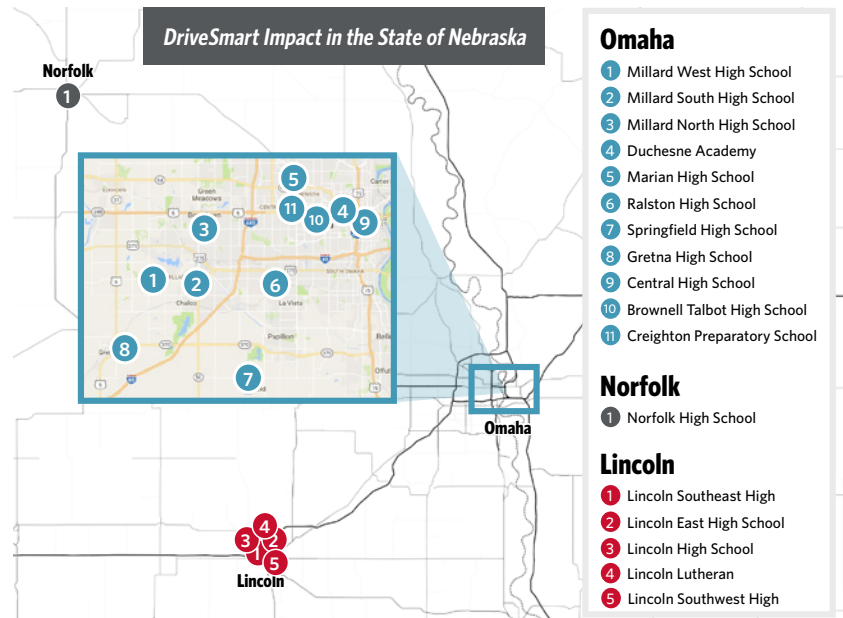
Wear your seatbelt, avoid distracted driving and avoid impaired driving.

The DriveSmart Presentation

The DriveSmart presentation has evolved over the years based on feedback from teachers, students and volunteers, with the goal of keeping students engaged for an entire class period. We foster open dialogue throughout the presentation by engaging in real-world discussions while we cover the presentation material.

The DriveSmart team engages the students with small prizes funded by LOCATE. We have learned that students who actively participate and share their stories are more engaged and gain more from the presentation. Many of our presenters have experienced the loss of a friend, colleague, or family member to a motor vehicle crash. We share these first-hand experiences to show how this issue has had an impact on our lives and to prevent similar events from happening in the future.

The DriveSmart program concludes presentations with a demonstration field sobriety test for students using impairment goggles. The program has received safety grant funding to procure impairment goggles by the Nebraska Office of Highway Safety. The goggles help students realize that impairment puts the driver and everyone around them at significant risk. These activities are the most engaging part



Collaborating with Other Groups

The DriveSmart program also supports safe driving outreach events. The program has shown exemplary support for transportation safety by coordinating and sharing with other groups, transportation professionals and educational presentations around the state. One example includes participating in the 2014 Norfolk Safe Driving Summit in Norfolk, Nebraska. The summit's sought to educate teen drivers through a day filled with breakout sessions on safe driving topics, seatbelt convincer, vehicle rollover demonstrations, and a texting and driving simulator. The summit also featured a keynote address from Reggie Shaw, a convicted distracted driver who was responsible for the death of two people and now advocates for transportation safety through education and outreach around the country.



DRIVESMART PRESENTATION OUTLINE

WHO IS AT RISK?

Students are often surprised that the leading cause of death for teenagers is motor vehicle crashes. Presenters provide personal perspectives through the stories of their peers when they were the students' ages or concerns from their own children's driving.

WHY ARE TEENAGERS AT RISK?

We talk about factors that make teenagers more likely to be involved in crashes.

THE FOUR E'S OF TRAFFIC SAFETY

The four E's — Education, Engineering, Enforcement, EMS — must work together to reduce fatalities.

SEAT BELT USE

We use examples and statistics of why seat belts are truly a life-saver.

DISTRACTED DRIVING

The main portion of the presentation, the team discusses several types of distractions including those that take your eyes off the road, hands off the wheel and mind off the driving task. This is facilitated by the use of videos, personal stories and discussion of how states are trying to fix the problem.

IMPAIRED DRIVING

Students try on impairment goggles and perform tasks to prove they shouldn't drive impaired.

MEETING VARIOUS NEEDS

The DriveSmart Program works with various class sizes, ranging from 10 students to more than 300. It also can be shortened to 30 minutes or lengthened to 90 minutes, depending on the school schedule. Finally, presenters adjust stories and areas of focus depending on the audience age, such as middle school or high school.

Application of Innovative Ideas

What makes DriveSmart innovative is the passion of our presenters and how we reach our target audience, students between ages 14 and 16. Our speakers, transportation professionals, make decisions daily that affect roadway design and operation that revolve around safety and hinge on driver behavior. Since driver safety is our job, we share a unique message from other positive voices in student's lives, including parents, teachers and law enforcement. Our enthusiasm for safe transportation shows, with presenters of varying experience levels that share an understanding of the role good driving plays in how our transportation systems operate.

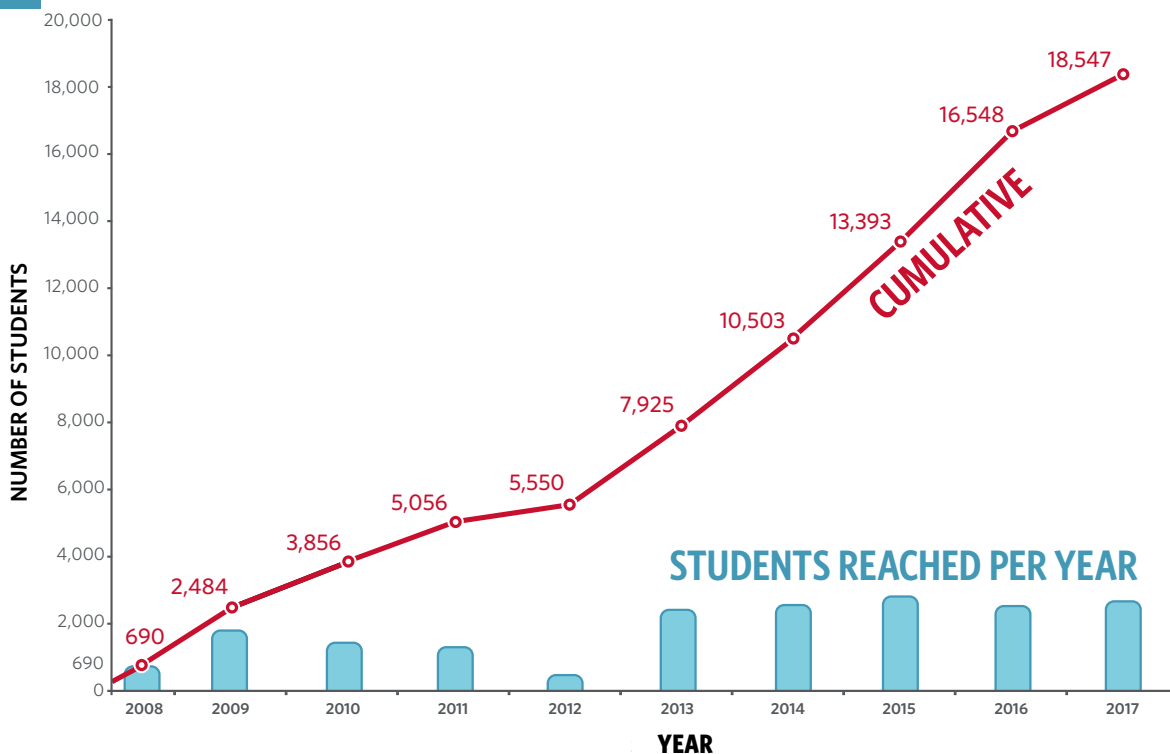
The second reason the program is innovative is the messaging used to reach budding drivers. Our presentation doesn't simply

tell students "don't drink and drive" or "always wear your seatbelt," but backs up these statements through statistics, demonstrations and engineering principles. If the DriveSmart team can show students how far they might travel when they look at their phone for a couple seconds while driving, it will have a lasting impact in comparison to simply telling them "don't text and drive." The core DriveSmart group prioritizes engagement through multiple channels — videos, slides, discussion, activities using vision impairment goggles — and up-to-date through annual content reviews.

The DriveSmart program has also taken innovative steps to increase the quantity of students reached each year.

- It was challenging to get into some schools. The team created an informational video to help "get our foot in the door" at schools that had never heard of our outreach program before. [See the video at hdr.wistia.com/medias/kk6yfjo8b6](https://www.wistia.com/medias/kk6yfjo8b6).
- We updated the presentation to include up-to-date and engaging stories that would be better received by students.

When the program started in 2008, we reached about 1,000 students a year. Over the last four years, the program has increased to more than 2,600 students a year with a goal to reach more than 3,000 in 2018. This year, we are expecting to reach 20,000 students since the beginning of the program.





LOCATE and MOVITE look at the DriveSmart presentation as a platform to **draw students into the transportation engineering industry.**

Commitment to the Advancement of Transportation Engineering

At the beginning of every presentation, the team takes time to talk about transportation engineering, to promote the field and “plant the seed” for middle and high school students who often have limited exposure to it. We provide students with an overview of what transportation engineers do daily — including problem solving, looking for innovative solutions to problems they personally experience such as traffic congestion, visiting job sites and working on projects that are impactful to our community.

After most presentations, students interested in engineering stop by and chat to discuss topics brought up during the presentation. We take these conversations seriously, because it is important to get students interested in engineering at a young age. The profession will not advance unless we continually recruit young talent to fill the shoes of the professionals that are at the end of their career.

A bonus of the DriveSmart program is the building of relationships between public and private sector volunteers. These relationships extend beyond the DriveSmart program and help our engineering community out as a whole.

Agency/Firm	Volunteers
3M	1
Benesch	1
City of Lincoln	3
City of Omaha	3
FHU	2
HDR	10
Lamp Rynearson	1
MAPA	2
Nebraska Department of Transportation	7
Olsson Associates	5
Schemmer Associates	1
Total	36

“ I have been really impressed with the level of engagement our engineering community has committed to educating young drivers. **The DriveSmart volunteer effort has been ongoing for eleven years and our most recent volunteer hours summary topped 1,800 hours of volunteer time since the kick-off.** Both private consultants and public agency staff are engaged helping make this a unique example of engineers working to make our roads a safer place by educating the most at risk road users. ”

— Todd Pfitzer, City Engineer, City of Omaha

Applicability to the Industry

The DriveSmart program's core group of volunteers believes outreach educational programs such as this are an important piece in the Vision Zero and Towards Zero Deaths movements. As transportation professionals, it is our duty to spread ITE's initiatives to reach our goals of zero roadway fatalities.

A topic area we focus on in our presentation is talking about the four E's of traffic safety. Most of our industry is focused on the engineering portion of the four E's. Since motor vehicle crashes are the leading cause of teenager death, we sought to focus our efforts in the right place at the right time. The majority of crash deaths occur not because of poor design or emergency services not responding quickly enough, but often because the person who caused the crash had limited exposure to the "education" portion of the four E's. The program's intent, through education, is to help students make better choices behind the wheel. For some students, the program should instill lifelong changes that may save their life or the life of a loved one.

It is often difficult to give a presentation knowing that students may get in their cars on their way home and drive distracted or not wear their seatbelt. However, if we can impact at least one person in each classroom to make a lasting change, we have accomplished our original vision — to "make a difference." Combining our engineering expertise with the education provided to students, we can make a difference in our community and accelerate the goal of Vision Zero.

The highway system
only works if
drivers do
their part.

“ The DriveSmart program gives **transportation professionals the opportunity to dialog directly with students** about the importance of roadway safety and making good decisions when getting behind the wheel. It **contributes to safety in Nebraska**, and is worthy of recognition as an outstanding program. ”

— Greg Youell, Executive Director at MAPA

Four E's of Traffic Safety



Education



Engineering



Enforcement



Emergency Medical
Services



Conclusion

The primary goal for the DriveSmart outreach program is to improve transportation safety, which aligns closely with ITE's Vision Zero goal. This program plays a vital role in educating young drivers, which leads to fewer traffic fatalities and injuries. We are seeking this recognition to expand the reach of DriveSmart — expanding into new communities and sharing our resources to help them get started. The DriveSmart program has made a difference in several Nebraska communities. We have received letters and emails from teachers, principals and parents thanking our volunteers for presenting to the students. Education is an important piece of the puzzle in the Toward Zero Deaths movement, and we believe the DriveSmart program can play a bigger role throughout the ITE community.



“We have had DriveSmart present to our 8th grade health classes for the past two years to **help educate our students about distracted and impaired driving**. The information, activities, and videos that are shared with our kids keep their attention and **promote healthy discussion** of safe driving habits.”

— Channon Oseka, Gretna Middle School

“In our Everyday Living classes for sophomore students in Millard Public Schools we have implemented the DriveSmart presentations. This is an impressionable age at which students are starting to drive on their own and making critical decisions related to driving.

The program is an important partnership that encourages our students to make better choices when it comes to getting behind the wheel.”

— Brenda Schmidt, Millard West High School

Board Meeting Agendas

Board Meeting Agenda

January 16, 2018

12:00 pm – 1:30 pm

Cunningham's Bar & Grill

» **PRESIDENT**
Adam Denney
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1. New Officers, Officer Duties

- a. Treasurer (Garret) – Member dues; expenses
- b. Secretary (Shane) – Meeting minutes; emails; meeting invites
- c. Vice President (Ryan) – Organize meetings
- d. President (Adam) – Lead board and meetings
- e. Affiliate Director (Austin) – Input to board; training opportunities; special member events
- f. Director of Education (John) – Input to board; student involvement
- g. Web Admin (Kara) – Update site for events; website troubleshooting

2. End of Year Items

- a. Election Results – 65 ballots received
 - i. Election Software Feedback
- b. 2017 Treasurer Books – Audit at February meeting
 - i. 2017 Annual Report – Due to Dave Mennenga, MOVITE President

3. Beginning of Year Items

- a. Transfer of bank account signatory – Garret, Shane, Ryan, and Adam
- b. 2018 dues pd. In 1st quarter; Agency renewal form
- c. 2017 LOCATE Annual Report

4. Website Updates

5. Email Fixes – Need to resolve MailChimp going to Junk Mail

6. LOCATE Gear – Polos (examples)

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7. DriveSmart

- a. 2017 Recap (Jake/Brian)
- b. Upcoming presentations

8. Student involvement

- a. Meet and Greet
- b. Visits to UNO/UNL classes
- c. Find a champion in Lincoln and Omaha
- d. Student Panels

9. MOVITE Scholarship - \$200, Form returned to MOVITE Treasurer

10. MOVITE LAC Planning update

- a. LOCATE assistance

11. Meeting Planning

Tentative Meeting Schedule:

- February 7 – Council Bluffs (need to get this schedules)
- March 14 – Lincoln (Meet & Greet)
- April 4-6 – MOVITE – Omaha @ DT Marriot
- May 4 – ASCE/LOCATE Transportation Conference @ Scott Conference Center
- June 13 – Council Bluffs
- July 20 – LOCATE Member Event (Putt-Putt) Omaha
- September 12 – Lincoln
- October 11 – Joint NSPE/LOCATE Meeting (LOCATE organizes in 2017)
- December 14 – Annual Meeting @ Parkers Smokehouse (move earlier in December when UNL and UNO is still in session)

Dates to Avoid:

- April 23- 25 – ITS Heartland – Lincoln
- August 20-23 – 2018 Joint ITE International and Midwestern/Great Lakes District Annual Meeting - Minneapolis, MN
- October – MOVITE Fall Meeting - TBD



Lincoln - Omaha - Council Bluffs
Association of Transportation Engineers

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Meeting Topics/Speakers:

- 14th Street/Old Cheney Intersection – Kyle Anderson/Mark Meisinger (FHU)
- Metro Area Travel Improvement Study (Phase 3) – Terry Gibson (NDOR), Michael Helgerson (MAPA) and Ralph Batenhorst (HDR)
- West Farm Development - Noddle
- 192nd and Dodge
- Green Light Lincoln Signal Timing Projects
- MAP 21 Performance Measures – Ryan Huff (NDOR)
- Seek speakers outside the Chapter
- Other ideas?



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LOCATE Mid-Year Call

May 21, 2018

9:00 am – 9:30 pm

Skype

Conference Call: 1.800.882.3610

Code: 2646194

1. Member Dues & List

- Additional Membership to Collect (92 currently paid)
- Eliminate or Keep unpaid members after 3 years of inactivity
- Are new members getting added to the Mail Chimp list?

2. Bank Account Balance

- \$27.70 discrepancy

3. LOCATE Website

- Membership Portal Issues
- No More Login or Members Only Section
- New website assistant (HDR offered to take on roll)

4. Tax Status

- New Tax Identification Number: EIN _____ for W-9
- 990N tax filing each year

5. Upcoming LOCATE Events

- June General Meeting (June 21, 2018) – River's Edge Park Pavilion
– Council Bluffs, IA
- July Member Appreciation (July 19, 2018) – Boulder Creek
– Omaha, NE

6. MOVITE Profits

7. Other Item

Election Results

David Andersen, PE, PTOE

Phone: (402) 670-9298

Email: david.andersen@fhueng.com

Education:

M.S. Civil Engineering, Iowa State University – 2007

B.S. Civil Engineering, Iowa State University – 2006

Professional Registrations

Professional Engineer: NE: E-13802, FL: 76697

Professional Traffic Operations Engineer

IMSA Traffic Signal Senior Field Technician Level III

Professional Affiliations

Institute of Transportation Engineers (ITE)

Missouri Valley Section – Institute of Transportation Engineers (MOVITE)

Lincoln – Omaha – Council Bluffs Association of Transportation Engineers (LOCATE)

International Municipal Signal Association (IMSA)

ITS Heartland

Iowa Engineering Society (IES)



Professional Experience

2016 – Current: Transportation Engineer – Felsburg Holt & Ullevig

2007 – 2016: Traffic Engineering Manager – Albeck Gerken, Inc.

2005 – 2007: Research Assistant – Center for Transportation Research and Education

2004 – 2004: Traffic Intern – Robert H. Anderson & Associates, Inc.

Statement

It is an honor to be nominated to serve as treasurer for LOCATE and I appreciate your consideration for this role. In college I served as the treasurer, secretary, and president of the Transportation Student Association, which is Iowa State's student ITE chapter. I joined LOCATE in 2008 and have been an active member during my time in Omaha. I am excited for the opportunity to take on a leadership role in LOCATE and give back to my community.

Networking, education, and community outreach are the pillars that make LOCATE such a valuable organization to its members and the community. The way I see improving LOCATE is to continue to refine and improve upon these pillars. I plan to dedicate my time and efforts to continue the success of the Drive Smart program, bring in great speakers, potentially host ITE webinars or presentations that benefit the group, and encourage networking at our social functions and regular meetings. Thank you again for your time and consideration.

Brooke Barrett, EI

Phone: (402) 689-0967

Email: bbarrett@kirkham.com

Education

Bachelor of Science, Civil Engineering,

South Dakota State University (2015)

Professional Membership

Institute of Transportation Engineers (ITE)

Missouri Valley Section of the Institute of Transportation Engineers
(MOVITE)

Lincoln Omaha Council Bluffs Area – Transportation Engineers
(LOCATE)



Professional Experience

2016 – Present: Engineering Intern III, Kirkham Michael, Omaha, NE

2015 – 2016: Project Engineer, South Dakota Department of Transportation, Watertown, SD

2014 – 2014: Transportation Intern, South Dakota Department of Transportation, Watertown, SD

Statement

I appreciate your consideration to serve as treasurer on the 2019 LOCATE Board. As a LOCATE Board member I will encourage new and exciting meeting topics, increase involvement with students, continue the growth of the DriveSmart program, and look for more opportunities to provide outreach for the Lincoln, Omaha, and Council Bluffs communities. To ensure our meetings are innovative and thought-provoking, I will research new developments in our profession and ask for meeting topic suggestions from LOCATE members. I would like to continue to increase the LOCATE chapter's involvement with students. I plan to start a program for students to learn more about transportation engineering by members giving presentations for students at schools or after-school centers. I believe community outreach is one of the most important aspects of LOCATE, and will look for new ways that LOCATE can give back to the Lincoln, Omaha, and Council Bluffs areas. I will continue to encourage LOCATE members to volunteer for the DriveSmart program to make our communities safer. I plan to dedicate my time to ensure the success of LOCATE and the goals mentioned. Thank you again for your time and consideration.

Michael Golka, PE

Phone: 402-366-1363

Email: mgolka@olsson.com



Education

B.S. Civil Engineering, University of Nebraska – Lincoln – 2010

Professional Registrations

Professional Engineer: Nebraska, E-15920

Professional Affiliations

Lincoln – Omaha – Council Bluffs Association of Transportation Engineers (LOCATE)

Professional Experience

2011-Current: Transportation Engineer (Olsson)

2008-2011: Survey, Special Inspections, Geotechnical Intern (Olsson Associates)

Statement

I am honored to be nominated for the treasurer position on the LOCATE board. I have been a member of LOCATE since 2015 and appreciate all that LOCATE does for local communities through the Drive Smart program, continuing education of professionals through interesting and informative presentations, and showing an interest in getting students involved in the transportation sector. I enjoy attending career fairs and talking to students about a future in our field but also being a resource for them to reach out to for advice. As a board member for LOCATE, my goal would be to increase student participation in meetings to help raise awareness to not only the awesome things we get to work on but to network with active professionals. LOCATE is made up of a lot of amazing people, and it would be my honor to continue the work of this great association. Again, thank you for considering for this role.

OpaVote Election Results (<https://www.OpaVote.com/>)

Treasurer

There are 3 candidates competing for 1 seats. The number of voters is 60 and there were 60 valid votes and 0 empty votes.

Counting votes using Plurality/FPTP/SNTV.

Candidate	Count
David Andersen	23
Brooke Barrett	21
Michael Golka	16
Exhausted	0

Winner is David Andersen.

OpaVote Election Results (<https://www.OpaVote.com/>)

Director of Education

There are 1 candidates competing for 1 seats. The number of voters is 60 and there were 58 valid votes and 2 empty votes.

Counting votes using Plurality/FPTP/SNTV.

Candidate	Count
Dr. Laurence Rilett	58
Exhausted	0

Winner is Dr. Laurence Rilett.

2018 Actual Income & Expenses

2018 LOCATE TREASURER'S REPORT

Date: **December 31, 2018**

**2018
To Date**

INCOME:

1. Dues (112 paid)	\$1,680.00
2. Meetings	\$2,980.00
3. Corporate Sponsorship	\$500.00
4. Miscellaneous	\$51,236.38

TOTAL INCOME \$56,396.38

EXPENSES:

1. Supplies	\$131.62
2. Meetings	\$4,581.42
3. Miscellaneous	\$44,231.40

TOTAL EXPENSES \$48,944.44

SUMMARY OF ACCOUNT

Beginning of Year Checking Balance	\$4,223.59
Total Income	\$56,396.38
Total Expenses	\$48,944.44
Net Over Period	\$7,451.94
Checking Balance *	\$11,675.53

* Includes \$100 cash on hand



Treasurer:

Garret Menard

»LOCATE
Lincoln - Omaha - Council Bluffs
Association of Transportation Engineers

2019 Budget

2019 LOCATE BUDGET

Date: January 1, 2019

		2018 To Date	2019 Budget
INCOME:			
1.	Dues	\$ 1,680.00	\$ 1,650.00
2.	Meetings	\$ 2,980.00	\$ 2,000.00
3.	Corporate Sponsorship	\$ 500.00	\$ 500.00
4.	Miscellaneous	\$ 51,236.38	\$ -
TOTAL INCOME		\$56,396.38	\$4,150.00

EXPENSES:

1.	Supplies	\$ 131.62	\$ 350.00
2.	Meetings	\$ 4,581.42	\$ 4,500.00
3.	Miscellaneous	\$ 44,231.40	\$ 2,000.00
TOTAL EXPENSES		\$48,944.44	\$6,850.00

Note: Meeting lunches will be subsidized and set at \$10 to encourage attendance.
Miscellaneous expenses are set to account for additional giveaways, webinars,
and/or other events to spend down the surplus in the total balance.

Treasurer:



David Andersen





Lincoln - Omaha - Council Bluffs
Association of Transportation Engineers



Lincoln - Omaha - Council Bluffs
Association of Transportation Engineers

2018 LOCATE

www.locatechapter.org



APPENDIX G

OTEA CHAPTER

2018 ANNUAL REPORT

Oklahoma Traffic Engineering Association



2018 Annual Report



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2018 - 2019 EXECUTIVE BOARD

Past President	B. J. Hawkins, P.E., P.T.O.E.	Traffic Engineer Traffic Engineering Consultants, Inc.
President	Esther Smith - Shaw, P.E., P.T.O.E.	Traffic Engineer Lee Engineering Company
Vice President	Alan Soltani, P.E., Ph.D.	President Standard Testing and Engineering Company
Secretary / Treasurer	Angelo A. Lombardo, P.E.	Transportation Engineer City of Norman
ODOT / OTA / FHWA Director	Chad Pedley, P.E.	Chief Traffic Engineer Oklahoma Department of Transportation
City / County Director	Shelly Williams, P.E.	Traffic Engineer Oklahoma Department of Transportation
Consulting Engineer Director	Robert Powell, P.E.	Engineering Manager Bonham Company
Supplier / Vendor	Brandon Parduhn	Sales Associate Pelco Structural



2018-2019 OTEA Board of Directors

From Left to Right: Shelly Williams (City / County / FHWA Director), Chad Pendley (ODOT Director), Esther Shaw-Smith (President), Robert Powell (Consultant Director), B. J. Hawkins (Past President), Alan Soltani (Vice President) and Angelo Lombardo (Secretary-Treasurer) Not Pictured - Brandon Parduhn (Contractor / Supplier Director)

MEMBERSHIP

The Oklahoma Traffic Engineering Association had 179 members at the end of calendar year 2018. The organization continues to have a diverse make-up with members representing Federal, State, County and Municipal governments, transportation equipment vendors and suppliers, contractors, consulting engineers and students from the University of Oklahoma and Oklahoma State University.

DUES STRUCTURE

OTEA's dues are \$25.00 per year. Dues have remained unchanged for twenty-two years.

FINANCIAL STATEMENT

A summary of OTEA's finances is shown below:

OTEA 2018 Financial Statement Summary	
Beginning Balance	\$98,100.24
Income	\$61,531.38
Expenses	\$51,342.92
Ending Balance	\$108,288.70
OTEA FEIN: 73-1242275	

MEETINGS

OTEA held two meetings during calendar year 2018.

2018 Spring Meeting

The 2018 OTEA Spring Meeting was held at the state-of-the-art Shangri-La Golf Club, Resort & Marina on Monkey Island in the center of beautiful Grand Lake O' the Cherokees. Attendance was excellent with 136 participants and twenty-two meeting sponsors.

The meeting started with a round of championship golf on the Champions and Legends Nine at one of Oklahoma's premier golf courses. The conference on Thursday was filled with insightful topics including ODOT Policy and Funding for HAWK Signals, High Friction Surface Treatments, Autonomous Transportation, Multi-Modal Facilities, Complete Streets, the Longest Mile (Lindsey Street Project in Norman), and a panel of leading experts presenting a few Trials and Tribulations of the Traffic Engineering profession. The Friday session started with presentations from member vendors that discussed high mast LED lighting, delineator installation, and roadside safety hardware. The meeting was wrapped up with the OTEA Business Meeting.



2018 Spring Meeting Highlights





OTEA

Spring 2018 Meeting Sponsors

The following companies donated funds and purchased booth space during our annual meeting. Their contributions and continued support help offset the cost of our meetings. It is through this support that we are able to maintain a relatively low annual membership fee and meeting registration cost. Please thank them and consider patronizing their businesses.

PLATINUM SPONSORS

Traffic & Lighting Systems, LLC
 HNTB Corporation
 Kimley-Horn & Associates
 Shur-Tite Products
 Traffic Signals, Inc.
 Gades Sales Company, Inc.
 TrafFix Devices, Inc.
 Midstate Traffic Controls
 Pinkley Sales Company
 Professional Pavement Markers
 Mid American Signal
 Consolidated Traffic Control
 Tesco Controls
 Wavetronix
 PSS Innovations

GOLD SPONSORS

Lee Engineering
 Pelco Products, Inc.
 3M Company
 Econolite Group, Inc.
 K & K Systems
 Transline Industries, Inc.
 Reece Supply Company
 Traffic Engineering Consultants, Inc.
 Trinity Highway Products

2018 Annual Meeting Sponsors



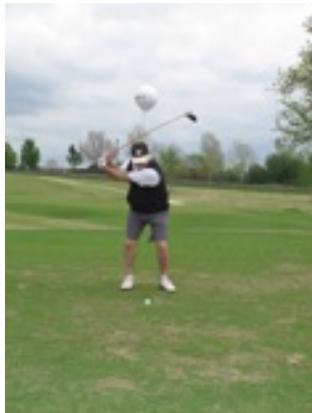
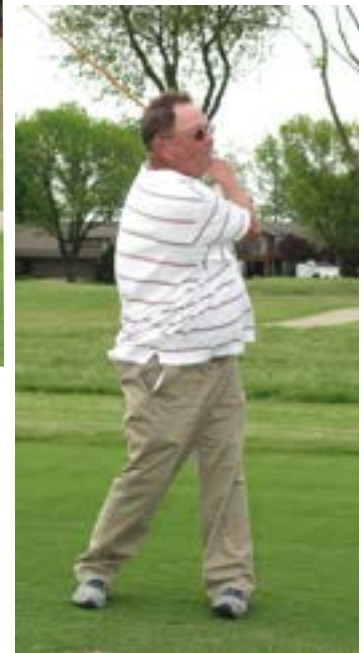
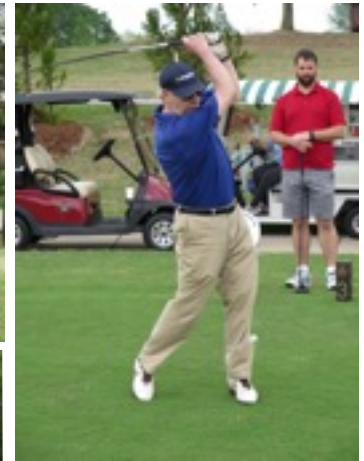
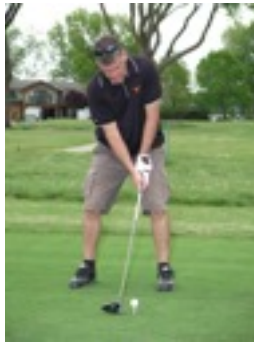
WE JUST WANT TO SAY...
THANK YOU!



2018 Annual Meeting Sponsors



Spring 2018 Golf Tournament



Spring 2018 Golf Tournament



Spring 2018 Golf Tournament



2018 Spring Meeting Finances



Spring 2018 Meeting

Income & Expenses

	AMOUNT
INCOME	
Registration (136)	\$ 20,720.00
Sponsorship (22)	\$ 11,700.00
Trinity Industries Donation (Hospitality)	\$ 1,681.00
Golf Tournament (Hole Sponsorship & Green Fees)	\$ 4,459.60
Total Income	\$ 38,560.60
EXPENSES	
Shangri-La Resort (Food and Conference Room Rental)	\$ 20,486.23
Ad Specialities (Registration Gifts)	\$ 2,311.80
Sooner Trophies	\$ 92.44
Shangri-La Resort - Board Member Lodging - One Night	\$ 93.00
Golf Prizes, Trophies and Green Fees (Marty Pinkley - Reimbursement)	\$ 3,029.60
Door Prizes and Speaker Gifts (Angelo Lombardo - Reimbursement)	\$ 3,460.19
Annual Dues (136 @ \$25)	\$ 3,400.00
Total Expenses	\$ 32,873.26
Net Income	\$ 5,687.34

2018 Fall Meeting

The Fall Conference was hosted by the City of Oklahoma City at the Mike DiGiacomo Auditorium. The meeting was attended by 115 people and the agenda included presentations on the OneITE initiative, OKC's Streetcar Traffic Signal Pre-Emption Technology, Smart Traffic Signals, Big Data - Big Benefits to Cities, Bike and Pedestrian Counters, Durable Pavement Markings for Autonomous Vehicles, Colored Bike Lanes, OKC Boulevard Project Update and Oklahoma Safety Enforcement Corridors. Participation was the highest in OTEA's history for a Fall meeting.

In addition to the Spring and Fall meetings, the Board of Directors met monthly to plan the activities of the organization.

Appendix B contains the agendas and registration packets for the 2018 Spring and Fall meetings.



2018 Fall Meeting Highlights



STUDENT SUPPORT

In 2018 OTEA received three applications (two from University of Oklahoma students and one from an Oklahoma State University students). The applications were reviewed by members of the selection committee headed by Mr. Lauren Ludwig, P.E. - Past President.



Recipients of the 2018 OTEA scholarships were:



Kendal Nicholas is a graduate student from Oklahoma State University and was able to attend the spring meeting in Shangri-La. She works in the OSU ODOT Roadway Design squad and plans to graduate in May of 2019. She has already accepted a position with ODOT as an Engineer-in-Training. She attended the spring meeting at Shangri-La and was recognized during the Thursday luncheon.



McKenzie Allen is a senior at the University of Oklahoma. She plans to graduate in the spring of 2019 and plans to work in the Oklahoma City area. Her college advisor had this to say about her in his letter of recommendation: "Ms. Makenzie represents the best of our next generation. She possesses the ability and right temperament for embarking in a successful professional engineering career."



James Deavers is a Junior Civil Engineering student at the University of Oklahoma. He is interested in the design of airports and hopes to design and build better airports to allow the transportation industry to grow and prosper across the State of Oklahoma and across the nation. In his application essay he wrote: " Being able to work in the transpiration industry would be a dream come true for me and working on airport projects would give me the opportunity to help others with the knowledge that I have and continue to gain". He served as a page in the U.S. Senate and is a Distinguished Scholar at OU. He holds a private pilot's license, is a member of the OU ASCE Steel Bridge Team, is active in his church and has done missionary work in Haiti.



Kendal M. Nicholas with Past President Lauren Ludwig during the Spring Meeting



In 2006, the OTEA Board of Directors approved the establishment of a scholarship program to recognize outstanding Oklahoma civil engineering students. Every year, students from the University of Oklahoma and Oklahoma State University have an opportunity to apply for one of three \$1,000 scholarships awarded on an annual basis.

EDUCATIONAL ACTIVITIES

OTEA continues to facilitate and promote professional training and certification for work zone traffic control supervisors and technicians. In 2016, OTEA conducted one three-day certification class during the week of October 8, 2018 at the Moore Norman Technology Center. The thirty-two participants included municipal, county and private contractor personnel.



Oklahoma Traffic Engineering Association

Please reply to: OTEA
c/o Angelo Lombardo
4405 Trophy Drive
Norman, OK 73072
Phone No. (405) 360-6664

CLASS REGISTRATION FORM

Class Date: October 8, 2018 - October 10, 2018

Location: Moore Norman Technology Center
4701 12th Avenue NW
Norman, OK, 73069



Name: _____

Work Type: ☐ Planning ☐ Design ☐ Construction ☐ Operations ☐ Maintenance
☐ Inspection ☐ Incident Management

Employer Type: ☐ Contractor ☐ Consultant ☐ Government ☐ Utility

Employee Identification Number: _____

Employer Name: _____

Mailing Address
Street / Box: _____

City: _____ State _____ Zip _____

E-Mail: _____

Telephone No.: _____

Years of Experience in Traffic Control: _____



Send this form with a Check for \$500 (Government Employee)
or \$550 (Non Government Employee) to:

Oklahoma Traffic Engineering Association
c/o Angelo Lombardo
4405 Trophy Drive
Norman, OK 73072



CHAPTER WEBSITE AND COMMUNICATIONS

The organization continues to maintain the chapter's web page. The web page is now used to publicize all chapter meetings, training activities and other events. It also features a link to Paypal for members who prefer to pay for their meeting registration using credit cards. Mr. Duane Cranford serves as the web-master.

In 2016 OTEA also launched a Facebook Page and Twitter Account to better reach its membership.

The chapter also continues to publish its newsletter - the OTEField, with local and national information of relevance to transportation professionals in Oklahoma. Mr. Angelo Lombardo serves as the Editor and Publisher. In 2018, two issues of the OTEField were mailed to the membership.

OKLAHOMA TRAFFIC ENGINEERING ASSOCIATION
SUMMER 2018

OTEFiField

OTEA to Revisit its Relationship with ITE

by: Angelo Lombardo, P.E.

In 2004, OTEA members voted on the affiliation of our organization with the Institute of Transportation Engineers. In doing so, OTEA became one of the nine Chapters in the Missouri Valley Section of ITE (MOVITE), which encompasses the states of Oklahoma, Kansas, Arkansas, Missouri, Iowa and Nebraska. This new affiliation necessitated the adoption of a new Charter and bi-laws, which have been in effect for almost fifteen years.

During that time, OTEA has been represented in the MOVITE Board of Directors through the election of an Oklahoma Director who is a member of OTEA. Our spring and fall meeting have included topic presented by members of MOVITE which help our membership see innovative practices in other states. OTEA also submits an annual report that is included in the Section's report that goes to ITE. But I have to admit, that the business of OTEA has not been significantly altered since the decision to affiliate was made.

Fifteen years later, we find ITE in the middle of process that has identified specific strategic initiatives aimed at the modernization of the organization so that it

continues to grow and be relevant in the profession for many years to come. This effort is what ITE is calling ONEite. Please read the article in Page 7 of this OTEField for more details on this ongoing effort.

One of the things that has become apparent is that as ITE moves in this direction it will be necessary to rethink and modify its organizational structure.

OTEA Board members have had preliminary discussions on this matter with Michael Hofener who has recently served in the Board of Direction of MOVITE, and with Shawn Leight, who is the Past President of ITE, a member of MOVITE and one of its Missouri Chapters (TEAM from the Saint Louis area).

As we understand it so far, the model under consideration will require OTEA to become a Section of ITE while MOVITE becomes a District. This will impact our current charter and bi-laws, our financial accounting, Board member responsibilities, particularly for the President, as well as the requirements for full membership in OTEA, which will most likely be contingent on membership in ITE.

As most of you know, while OTEA boasts a membership of close to 200 people, Oklahoma has less than 50 ITE members. Incentives are being discussed which would allow OTEA members to join ITE for free during the first year and at a 50% discount

2018-2019 OTEA OFFICERS

President

Esther Shaw-Smith, P.E., P.T.O.E.
Lee Engineering

Vice-President

Dr. Alan Soltani, P.E., Ph.D.
Standard Testing & Engineering, LLC

Directors

Chad Pendley, P.E.
ODOT - Traffic Engineering

Shelly L. Williams
ODOT - Division 3

Robert Powell, P.E.
Benham Company

Brandon Parduhn
Pelco Structural

Past President

B. J. Hawkins, P.E., P.T.O.E.
Traffic Engineering Consultants

Secretary Treasurer / Editor

Angelo A. Lombardo, P.E.
City of Norman

MOVITE FOUNDED 1951

Institute of Transportation Engineers
Missouri Valley Section

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ONEite Update	7
Chapter, Section, District and International Meeting Dates	14
New MUTCD Update	16
2018 OTEA Scholarship Recipients	20

(Continues on Page No. 5)

PAGE 1

Oklahoma Traffic Engineering Association - Home / Facebook
2/19/18, 10:53 PM

Oklahoma Traffic Engineering Association
OKTrafficEngAssoc

Like · Share · Suggest Edit

Home · Photos · About · Community · Info and Ads · Create a Page

Posts

Oklahoma Traffic Engineering Association
March 16, 2018
Please join us at Stargate May 2-4th, 2018 for the OTEA Spring Conference. See our website for more details. <http://www.oktrafficengassoc.com>

Like · Comment · Share

Oklahoma Traffic Engineering Association
March 15, 2018
Spring Registration Packet is now available online <http://www.oktrafficengassoc.com>

Like · Comment · Share

www.oktrafficengassoc.com
www.oktrafficengassoc.com

Like · Comment · Share

Esther Shaw-Smith likes this.

See All

Photos

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Oklahoma Traffic Engineering Association
Company

Community
57 people like this
58 people follow this

About
www.oktrafficengassoc.com
Company

People
57 likes

Related Pages

Crown Group Engineering, LLC
Engineering Service

Green Group Global
Defense Company

Standard Testing & Engineering, LLC
Engineering Service

Oklahoma Traffic Engineering Association

Home
News
OTEFiField
OTEA Meetings
WZ Classes
Information
Sponsors
Social Media

About Us

The Oklahoma Traffic Engineering Association (OTEA) was founded and established in 1965. It is a professional association whose primary objective is to achieve safer and more efficient transportation on the streets and highways of Oklahoma through the use of traffic engineering principles in the planning, design and operation of all traffic facilities. In early days, the association consisted primarily of traffic engineers.

Current Board Members

President: Esther Shaw-Smith, P.E., P.T.O.E. (Lee Eng)

Vice President: Dr. Alan Soltani, P.E., Ph.D. (Std. Testing & Eng)

Directors: Chad Pendley, P.E. (ODOT)
Shelly L. Williams, P.E. (City of Norman)
Robert Powell, P.E. (Benham)
Brandon Parduhn (Pelco Structural)

Past President: B.J. Hawkins, P.E. (TEC)

Secretary/Treasurer/OTEFiField Editor: Angelo Lombardo, P.E. (City of Norman)

2018 OTEA Fall Meeting

Mark your calendar for the 2018 Fall Meeting

Thursday, October 25, 2018
City of Oklahoma City
Norman Convention Center
8:00 AM - 5:00 PM

Use Paypal to make a Payment

BY-LAWS

No changes to the by-laws were enacted in 2017.

The organization did vote and approved the delivery of the quarterly newsletter electronically.



Oklahoma Traffic Engineering Association

Appendix A - Financial Statement

Accounts Summary

As of December 31, 2018

Assets:

\$108,288.70

Liabilities:

\$0.00

ASSETS

Checking	\$62,395.13
Money Market	\$45,893.57

NET WORTH \$108,288.70

▼ Checking



OTEA – Checking

BALANCE

\$62,395.13

\$62,395.13

▼ Savings



OTEA – CD No. 1

\$26,936.99

OTEA – CD No. 2

\$18,956.58

\$45,893.57

Category Summary

Date Range: Custom Dates (1/1/2018 – 12/31/2018)

Accounts: All Accounts

Categories: All Categories

Tags: All Tags

Type: Custom

Money In	\$60,221.38
Ads	\$1,470.00
Interest Income	\$191.76
Interest Income	\$1.34
Meeting / WZ Class Income	\$10,645.00
Meeting Income	\$44,206.05
Work Zone Class	\$3,707.23

Money Out	-\$51,342.92
Meeting Expenses	-\$30,985.86
Miscellaneous Business	-\$12,820.65
OTEFIELD	-\$900.00
Tax Accountant	-\$650.00
Web Page	-\$191.76
Work Zone Class Expenses	-\$5,794.65

Money In:	\$60,221.38
Money Out:	-\$51,342.92
Net Total:	\$8,878.46



Oklahoma Traffic Engineering Association

Appendix B - 2018 Spring Meeting Program

2018 OTEA SPRING MEETING

Mark your calendar for the 2018 Spring Meeting

Date: May 2 - 4, 2018

Shangri-La Resort
Monkey Island, Oklahoma



Oklahoma Traffic Engineering
Association

THE NEXT 50 YEARS...

- ✓ Tulsa's Bicycle / Multimodal Facilities
- ✓ Road Diets
- ✓ Trials and Tribulations of the Traffic Engineer - Panel Discussion
- ✓ High Friction Surface Treatments
- ✓ High Mast LED Roadway Lighting
- ✓ Vendor Exhibits



Registration packets will be e-mailed in early March of 2017. You will also be able to download the information from the OTEA Web Page - <http://otea-ok.org>



Oklahoma Traffic Engineering Association 2018 Spring Meeting Registration Packet

Meeting Program Highlights

- ✓ School Zone Safety
- ✓ HAWK Signals
- ✓ High Friction Surfaces
- ✓ Complete Streets
- ✓ Bicycle and Multi-Modal Facilities
- ✓ Safety Devices
- ✓ Vendor Exhibits



Important Dates

April 18, 2018 - Room Reservations
All reservations must be in by midnight on this date. Rooms will be dropped after this day, which may result in loss of rooms or room type.

April 15, 2018 - Golf Registration Due

April 18, 2018 - Meeting Registration Due

April 25, 2018 - Last day to cancel and receive full registration refund

Date: May 2 - 4, 2018
Shangri-La Resort

57301 East Hwy. 125 - Afton (Monkey Island), OK 74331



OTEA SPRING MEETING

May 2 - 4, 2018
Shangri-La Resort
57301 East Hwy. 125 - Monkey Island, OK 74331



REGISTRATION FORM

NAME: _____

EMPLOYER: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

TELEPHONE: _____ E-MAIL: _____

Registration Fees

Conference fees include ice breaker on Wednesday, technical sessions, breakfast, lunch and dinner on Thursday, and breakfast on Friday.

- | | |
|---|----------|
| <input type="checkbox"/> Before April 20, 2018 | \$175.00 |
| <input type="checkbox"/> After April 20, 2018 | \$225.00 |
| <input type="checkbox"/> Thursday Only (with Lunch) | \$ 75.00 |

Extra Meals for Spouse/Guest

- | | |
|---|----------|
| <input type="checkbox"/> Thursday Lunch | \$ 30.00 |
| <input type="checkbox"/> Thursday Dinner | \$ 50.00 |
| <input type="checkbox"/> Friday Breakfast | \$ 20.00 |

TOTAL FEES: \$ _____

Payment

Make checks payable to OTEA. Refunds provided if cancellation is made prior to April 25, 2018

- ☐ Check Included
- ☐ P.O. Included
- ☐ Credit Card (Pay Pal through OTEA Web Page)
(Need to include Pay Pal receipt with registration form)



Golf

Are you playing golf on Wednesday?

- ☐ Yes ☐ No

Must register by April 15, 2018. Golf fees of \$75 must be paid by check or credit card (using Pay-Pal through the OTEA Web Page) in advance. The tournament will be held at Shangri-La Golf Club, located at 31000 South Hwy. 125 - Afton (Monkey Island), OK 74331. The cost includes green fee, cart, prizes and the tournament entry fee. To register or to help sponsor the tournament, please contact Marty Pinkley at 405-755-0858 or e-mail him at mpinkley@aol.com

Accommodations

The meeting will be held at the Shangri-La Resort located on the shores of beautiful Grand Lake O' the Cherokees in Northeastern Oklahoma. Rooms are available for \$159 per night plus tax for single or double occupancy. State rate of \$93 per night plus tax is available to all government employees with proper identification. Reservations can be made by calling 918-257-4204. You can also book online at <https://bookshangrila.com>. The block of rooms will be held until April 18, 2018.

Special Dietary Needs

Please check the box if you have a special dietary requirement

- ☐ Yes (Vegetarian)

Submit Form

Mail, fax or e-mail this completed form to:

Oklahoma Traffic Engineering Association
c/o Angelo Lombardo, Secretary - Treasurer
4405 Trophy Drive
Norman, OK 73072

Fax: (405)366-5418

E-Mail: angelo.lombardo@normanok.gov



OTEA SPRING MEETING

May 2 - 4, 2018

Shangri-La Resort

57301 East Hwy. 125 - Afton (Monkey Island), OK 74331



WEDNESDAY - MAY 2, 2018

12:00 Noon Golf Tournament (Shangri-La Golf Club)
5:00 pm - 7:00 pm Ice-Breaker - Hors d'Oeuvres (Shangri-La Lodge - Exhibit Hall)

THURSDAY - MAY 3, 2018

7:00 am to 8:30 am	Continental Breakfast	
8:00 am to 9:00 am	Late Registration	
8:15 am to 8:30 am	Welcoming Remarks	B.J. Hawkins, P.E., P.T.O.E. - President
8:30 am to 9:00 am	HAWK Signals - ODOT Policy and Funding	David Glabas, P.E. - ODOT
9:00 am to 9:45 am	Tulsa Public Schools - Safety First Initiative	Erica Myers, P.E. - Lee Engineering
9:45 am to 10:15 am	High Friction Surfaces	Bryan Cooper - ODOT
10:15 am to 10:45 am	BREAK	
10:45 am to 11:15 am	Autonomous Transportation	Eric Pollard - ACOG
11:15 am to 12:00 Noon	Lindsey Street - The Longest Mile	Scott Sturtz, P.E. - City of Norman
12:00 Noon to 1:30 pm	LUNCH - Scholarship Awards / Golf Tournament Results	
1:30 pm to 2:30 pm	Tulsa Bicycle / Multi-Modal Facilities Study	Panel
2:30 pm to 3:00 pm	Complete Streets - Policy Components	David Riesland, P.E. - City of Norman
3:00 pm to 3:30 pm	BREAK	
3:30 pm to 4:30 pm	The Trials and Tribulations of the Traffic Engineer	Panel
4:30 pm	Closing Remarks	
7:00 pm to 9:00 pm	BANQUET	

FRIDAY - MAY 4, 2018

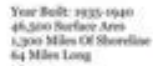
8:00 am to 9:00 am	Breakfast	
9:00 am to 9:30 am	Delineation Installation, Crash Testing and Safety	Jason Ty Espinoza - Shur-Tite Products
9:30 am to 10:00 am	Roadside Safety Hardware	Scott Myers - Trinity Highway Products
10:00 am to 10:30 am	High Mast LED Lighting	Cory Cornett - Homophone Lighting
10:30 am to 11:00 am	Business Meeting	
11:00 am to 11:15 am	Election Results and Introduction of New Officers	
11:15 pm to 11:30 am	Closing Remarks	



A Community of Transportation Professionals



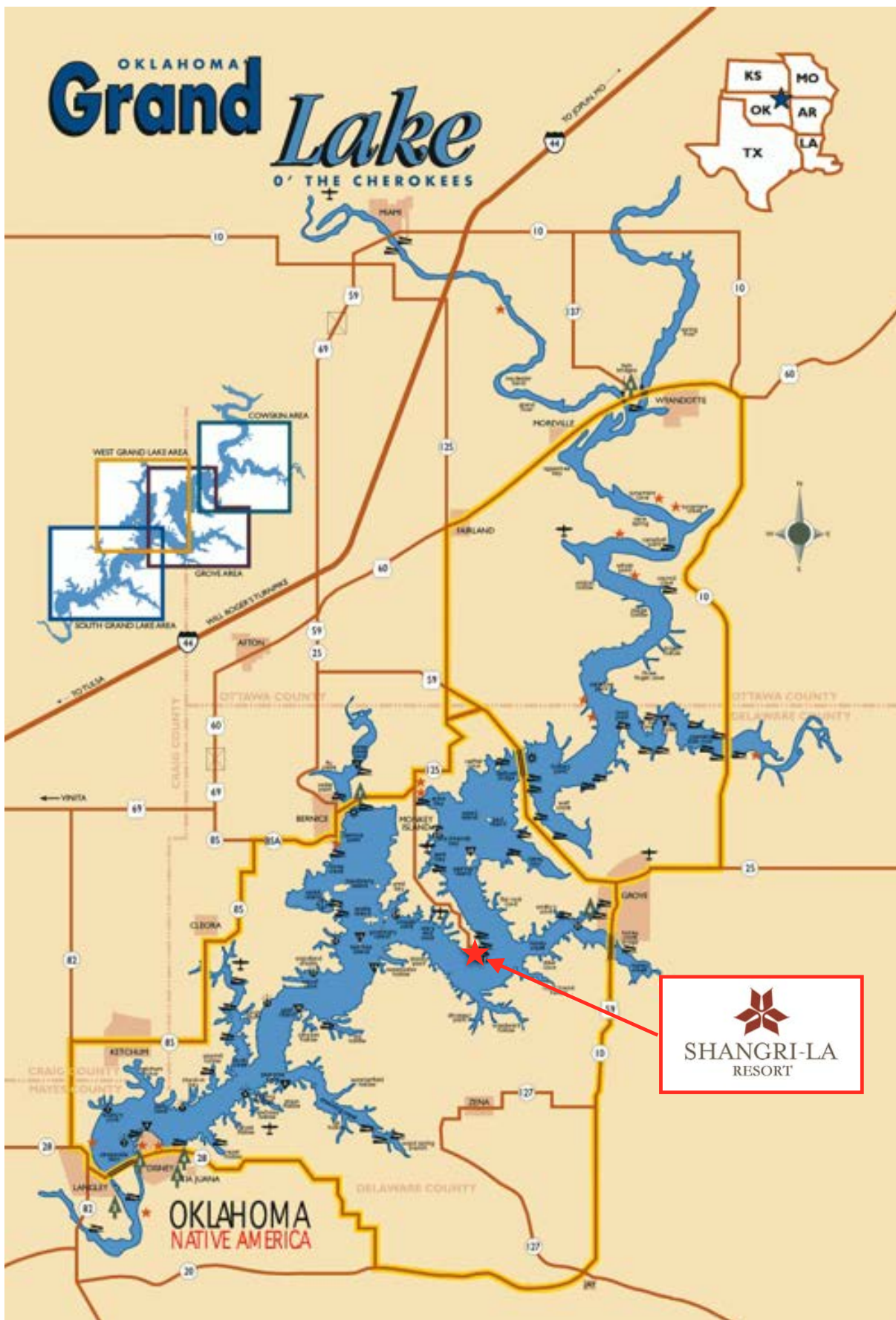
GRAND LAKE O' THE CHEROKEES • OKLAHOMA



Oklahoma



Oklahoma





OTEA




Accommodations



New 119 guest room lakeside resort hotel

Address:

57301 East Hwy. 125
Afton (Monkey Island), OK 74331

 (tel: 918-257-4204)

Web Page:

<https://bookshangrila.com>

RESORT HOTEL

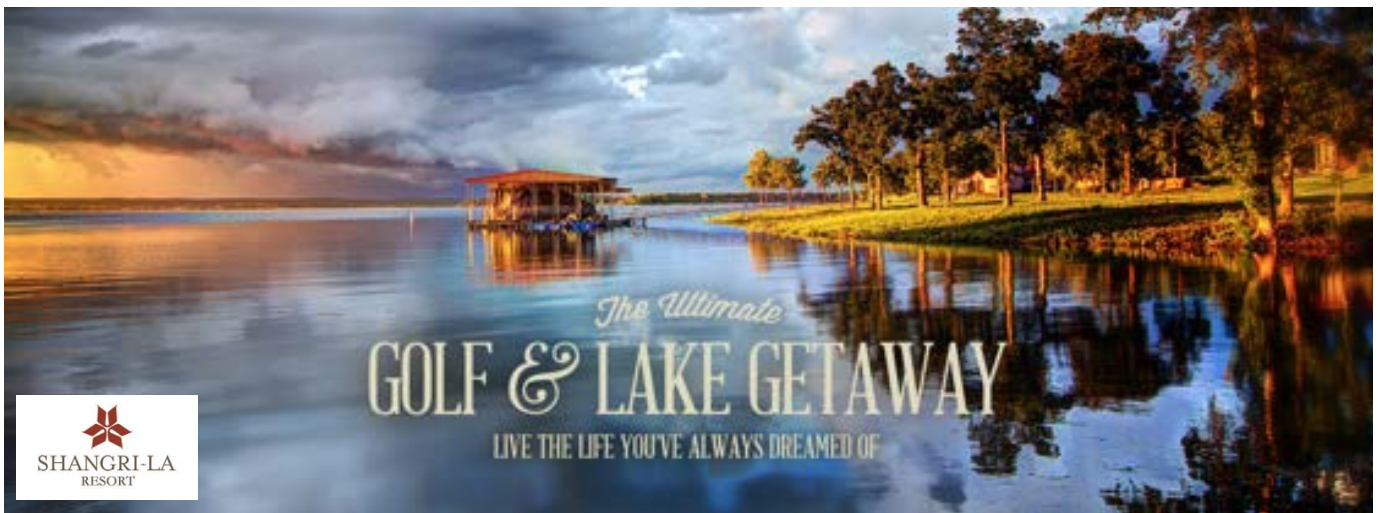
A lakeside getaway and conference center on
Oklahoma's premier golf course

- 119 guest rooms
- Large resort pool and children's splash pad area
- Luxury spa • 120 seat casual-style restaurant
- Bar with roof-top patio overlooking the lake
- 8000 SF of conference space with ballroom

OTEA has secured a block of rooms and a \$159 plus tax per night room rate that is guaranteed until April 18, 2018 (for standard King or Double Queen rooms). Make sure you make your reservation before then. A lower rate of \$93 plus tax is also available to government employees with proper identification.

Check In: 4:00 pm

Check Out: 11:00 am



For detailed information:
Call Toll-Free - 888-977-8998
OR

Visit Our Website - www.shangrilaok.com

SHANGRI-LA GOLF CLUB, RESORT & MARINA
31000 S. Highway 125 • Monkey Island, OK 74331

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2018 OTEA GOLF TOURNAMENT



Location: 31000 OK Hwy. 125
Afton (Monkey Island), OK 74331
Ph: 405-257-4204



Cost: \$75 (includes green fee, cart, entry fee and prizes).
Payment must be made in cash, by check (written to OTEA) or by credit card (using PayPal). If you pay by credit card, please bring receipt when you check in. Must register by April 15, 2018.



Format: 4-Player Scramble



Check in: Begins at 10:45 am on May 2, 2018. Shot Gun Start @ 12:00 Noon

Prizes: 1st, 2nd, and 3rd places, closest to the pin and long drive



Registration: Call, fax or e-mail registration to:



Marty Pinkley
(405)755-0858 (Office) / (405)752-7947 (Fax)
mpinkley@aol.com



Dress Code: No denim, jeans, cutoffs or short-shorts. Shirts with collars and sleeves required for men. Soft spikes required.

The Course...

A personalized golf experience at one of the top five courses in Oklahoma. The prestigious golf course, including an elite level clubhouse housing the Golf Shop, the Buffalo Bar, the Summit Restaurant, and a state-of-the-art fitness center, offers members and guests the ultimate golf escape.

Shangri-La Golf Club offers 27 totally rebuilt holes of Championship Golf in a lakeside setting at beautiful Grand Lake, including the Champions Nine, the Heritage Nine and the Legends Nine.

The golf course is highlighted by diverse green complexes featuring rolling greens and distinctive white sand bunkers that demand precise approaches. The classic tree lined layout provides the perfect complement to the magnificent lake views visible from all points on the golf course. With 27 holes, each with five sets of tees, the golf course is set up daily to offer all levels of golfers the challenge that suits their game.



2018 OTEA GOLF TOURNAMENT REGISTRATION FORM

Name: _____

Company: _____

Phone: _____

Average 18-Hole Score: _____



Must register by April 15, 2018



OTEA



Oklahoma Traffic Engineering Association
4405 Trophy Drive
Norman, OK 73072
OTEFIELD@sbcglobal.net

Sponsorships

Dear OTEA Member and Supporter:

The spring meeting has been set for May 2 - 4, 2018 at Shangri-La Resort in northeastern Oklahoma. We hope that you will be a meeting sponsor and / or purchase an exhibit or display table. The following two levels of sponsorship are available:

Platinum \$600 and More provides (1) Meeting and Breakfast Sponsor, (2) Exhibit Booth, (3) Special Recognition, (4) Meeting Registration for one person

Gold \$300 provides (1) Meeting and Breakfast Sponsor, (2) Exhibit Booth. (Must Register for the meeting separately)

Please send OTEA a check at the address above for the level of sponsorship that you desire. Your sponsorships enable us to keep the registration fees low and allow many of our members to attend who do not have meeting budgets.

The golf tournament will be held on Wednesday, May 2, 2018. Marty Pinkley has agreed to be the contact person for those wishing to contribute to this event (e.g., donate prizes or sponsor holes). Please call him at 405-755-0858 or mpinkley@aol.com.

Thank you for your interest in being a sponsor for the OTEA conference! *Confirm your registration by April 18, 2018 to ensure your logo is included in conference publicity materials.*



Institute of Transportation Engineers



OTEA



Vendor and Sponsor Registration

Company:			
Name(s):			
Address:			
Telephone:		E-Mail:	
Sponsorship Level	Sponsorship Amount	Exhibitor (Yes / No)	Sponsorship Total
Platinum (1) Meeting and Breakfast Sponsor, (2) Exhibit Booth, (3) Special Recognition (4) Meeting Registration for <u>one person</u>	\$600		
Gold (1) Meeting and Breakfast Sponsor (2) Exhibit Booth (3) <u>Must register separately for the conference</u>	\$300		
TOTAL			

Submit registration form and check to: OTEA c/o Angelo Lombardo at 4405 Trophy Drive, Norman, OK 73072. Angelo can be contacted at 405-366-5327 or via e-mail at angelo.lombardo@normanok.gov. **Make checks payable to OTEA. If paying by credit card, please do so by using Pay-Pal through the link in the OTEA Web Page (www.otea-ok.org)**

Confirm your registration by April 18, 2018 to ensure your logo is included in conference publicity materials.

Method of Payment (please check one): ☐ Check ☐ Credit Card (Pay-Pal)

Exhibit set-up begins at 8:00 am on May 2, 2018



Oklahoma Traffic Engineering Association

Appendix C - 2018 Fall Meeting Program

Oklahoma Traffic Engineering Association

2018 OTEA FALL MEETING

**Mark your
calendar for the
2018 Fall Meeting**



Date: October 25, 2018
City of Oklahoma City
Central Maintenance Facility
Mike DiGiacomo Auditorium
3738 SW 15th Street
Oklahoma City, Oklahoma

**TRANSPORTATION
OPTIONS**

- ✓ OKC Streetcar Controller and Pre-Emption
- ✓ Bike and Pedestrian Counters
- ✓ Durable Pavement Markings for Autonomous Vehicles
- ✓ Smart Traffic Signals
- ✓ One ITE Update

Registration packets will be e-mailed in mid-September of 2018. You will also be able to download the information from the OTEA Web Page - <http://otea-ok.org>





OTEA FALL MEETING

October 25, 2018

Oklahoma City, Oklahoma

City of OKC Central Maintenance Facility - Mike DiGiacomo Auditorium

3738 SW 15th Street, Oklahoma City



8:00 am to 8:30 am	Registration	
8:30 am to 8:45 am	Welcoming Remarks	Esther Shaw-Smith, P.E. - President
8:45 am to 9:15 am	One ITE Initiative	Shawn Leight, P.E. P.T.O.E., ITE Past President
9:15 am to 10:30 am	OKC Streetcar Traffic Signal Pre-Emption	Marshall Cheek - Trafficware Group, Inc.
10:30 am to 10:45 am	BREAK	
10:45 am to 11:15 am	Smart Traffic Signals	Tom Fulton, P.E. - Olsson & Associates
11:15 am to 12:00 N	Big Data! Big Benefits for all Cities!	Luke Schmidt, P.E. - Kimley-Horn & Associates
12:00 N to 1:00 pm	LUNCH	
1:00 pm to 1:45 pm	Bike and Pedestrian Counters	Pete ?, City of Midwest City
1:45 pm to 2:15 pm	Durable Pavement Markings for Autonomous Vehicles	Ted Denisuk, P.E. - 3M Company
2:15 pm to 3:00 pm	Colored Bicycle Lanes	Angelo Lombardo, P.E. - City of Norman
3:00 pm to 3:15 pm	BREAK	
3:15 pm to 4:00 pm	OKC Boulevard Project Update	Keith Angier, P.E. - MacArthur & Associates
4:00 pm to 4:30 p.m.	Safety / Enforcement Corridors	Paul J. Harris, Oklahoma Highway Safety Office Captain Ronnie Hampton, OHP David Glabas, P.E., ODOT
4:15 pm to 4:30 p.m.	Closing Remarks	
4:30 p.m.	Adjourn	



Institute of Transportation Engineers





Oklahoma Traffic Engineering Association

Appendix D - 2018-2019 Executive Board

President

Esther Shaw - Smith, P.E.

Esther M. Shaw-Smith, PE, PTOE is the Branch Manager of the Oklahoma office of Lee Engineering, a specialty traffic engineering firm founded over 29 years ago with offices in Phoenix, Dallas, Albuquerque, and San Antonio. She has held this position since the office was opened in January 2012. She is responsible for the primary project management, engineering design, and business development duties for the office. Lee Engineering performs traffic engineering work for ODOT, OTA, local municipalities, professional design consultant firms, and developers. Esther has worked in the consultant field for over 14 years and has experience in the government sector.

Esther received her Bachelor of Science degree in Civil Engineering from the University of Oklahoma. She is a registered Professional Engineer in Oklahoma and Texas, a registered Professional Traffic Operations Engineer, a member of the Institute of Transportation Engineers, the American Society of Civil Engineers, the American Public Works Association, the Society of American Military Engineers, and the OU Alumni Association. Esther has been a member of the Oklahoma Traffic Engineering Association since 2005.

Esther and her husband Chris live in Norman and have two sons, Eli & Daniel.



Vice President

Dr. Alan Soltani, P.E., PhD

Alan Soltani is an accomplished civil engineer with experience in transportation, aviation, planning, general civil, program management and construction management. His career spans over 40 years in public and private sectors including 16 years at ODOT where he served as the state chief traffic engineer. He has been in the private industry since he left ODOT in 1999 and is a registered professional engineer in 32 states.

He is the President and new owner of Standard Testing & Engineering, LLC in Oklahoma City.

Alan has been a member of OTEA since 1983. He has a Bachelor of Science, Master of Science and Ph.D., in Civil Engineering from The University of Oklahoma and a Master of Business Administration in Finance from Oklahoma City University.



Alan lives in Edmond and has one daughter Nema, who is helping him run Standard Testing. He also has a grandson, Chase, who is a senior in high school and just enlisted in the U.S. Army and plans to become a paratrooper in Airborne school. A granddaughter, Katelyn, who is studying nursing and he is very proud of his great grandson, Cole, who is 18 months old.

ODOT / OTA / FHWA Director

Chad Pendley, P.E.



Chad began his career with ODOT in 2012 as the Division Two Traffic Engineer in southeastern Oklahoma and held that position until becoming Chief Traffic Engineer for ODOT Traffic Division in November 2016. Chad has been a registered Professional Engineer since 2003. He was born in Big Spring, Texas and holds a bachelor's degree in Engineering Technology from the University of North Texas.

He and his wife, Cathye, have five children, three grandchildren and currently reside in Antlers.

City / County Director

Shelly L. Williams, P.E.



Shelly Williams received a Bachelor of Science degree from East Central University in Business Administration/Management in 1987. Upon graduation, she went to work for the Oklahoma Department of Transportation (ODOT) in Ada, OK, working in the construction residency. She held various positions over the next ten years, auditing projects, working with the survey crew, performing materials testing, and construction inspection before returning to school to complete her Civil Engineering degree from the University of Oklahoma in 2002. She became a registered Professional Engineer in 2008.

Upon graduation, she held several positions at ODOT, assisting the Division 3 Traffic Engineer and supervising Traffic crews, assisting the Division Maintenance Engineer and supervising Maintenance crews, then later became the Local Government and Division 3 Bridge Engineer. She spent a short time as the Resident Engineer for the Stillwater Residency before returning to Ada to once again, assuming the role of Local Government and Division 3 Bridge Engineer. She is a Certified Public Manager, has served as an ODOT Survey School Instructor and had NICET Certification in Survey, and served as ODOT Director appointed member of the ODOT Engineering Development Council. She is currently the President of the Oklahoma Association of County Engineers.

After a brief time working as an engineer in the private and municipal sectors, Shelly accepted the position of Traffic Engineer for Division 3 in Ada. She began her new job in June of 2018.

She has one daughter who works for ODOT. Her father, John Hayden also retired from ODOT, making 3 generations at ODOT.

Her passion is horses. She team roped for 25 years before trading in her rope horses to pursue reining and working cow horses. She finished 2017 as the Oklahoma Stock Horse Novice Champion. She is involved in the music ministry of her church. She founded an outreach cowboy ministry called The Cowboy Fellowship and co-founded Wings of Hope, a support group for parents who have lost children.

Consultant Director

Robert Powell, P.E.



Mr. Powell currently works as an Engineering Consultant with Benham specializing in traffic. A native of Oklahoma City, Robert opted to expand his comfort zone and completed his higher education in both Texas and Massachusetts where he earned his Masters of Transportation and Bachelor of Science in Civil Engineering at the Massachusetts Institute of Technology and Prairie View A&M University, respectively. Prior to returning to Oklahoma and joining Benham, between school and shortly after Robert had a short stint with the USDA Forest Service overseeing construction and maintenance of roads and facilities within the Coconino and Kaibab National Forests in Flagstaff, AZ.

Born and raised in the inner city, Mr. Powell is most proud to be included in the design and construction of the built environment he spent the majority of his life traveling.

Mr. Powell's interests include blogging and vlogging on topics related to developing as a millennial traffic engineer, fitness, productivity and overall becoming the best version of oneself.

As your OTEA Consultant Director, Mr. Powell looks forward to serving OTEA members in the capacity of not only participating in the planning and coordination of fall and spring meetings, but also serving as a Swiss army knife for the needs of both the other OTEA Board team members as well as the organization as a whole.

Contractor / Supplier Director

Brandon Parduhn



Brandon Parduhn, born and raised in Edmond, Oklahoma, is a sales associate at Pelco Structural in Claremore, Oklahoma. Pelco Structural, founded in 2005, is a manufacturer of steel poles for the traffic, lighting, utility and communication industries.

Parduhn joined Pelco Structural in 2016, after working at Pelco Products in Edmond. In his capacity at the Claremore-based Pelco Structural, Parduhn devotes his time expanding and developing the traffic department.

He graduated from Oklahoma State University with his Bachelor's degree in Business Administration and is a proud supporter of his alma mater. He is an alumni of Leadership Rogers County and a active member of the Tulsa Young Professionals and Claremore Collective. Brandon enjoys volunteering, spending time with his family, traveling, camping and watching sports.

Past President

B. J. Hawkins, P.E., P.T.O.E.

B.J. Hawkins was born and raised in Oklahoma. He received his bachelor's degree in Civil Engineering from the University of Oklahoma in 2006. Upon graduation he joined Traffic Engineering Consultants, Inc. (TEC) full-time after interning there during college. He worked at the TEC Tulsa office for 3 years before relocating back to the Oklahoma City office in 2009.

B.J. is a registered Professional Engineer in Oklahoma and Texas and has also obtained his Professional Traffic Operations Engineer certification. He is responsible for a variety of projects including conducting traffic impact studies and designing traffic signal, signing, striping, and lighting plans.

B.J. has been married to his wife Julie since 2006 and has one son, Carson.



Secretary/Treasurer/OTEFfield Editor

Angelo A. Lombardo, P.E.



Angelo Lombardo is the City Transportation Engineer in Norman, Oklahoma. He has held that position since October 1 of 1992. He manages the City's Traffic Control Division in the Public Works Department which is responsible for the design, maintenance and operation of 190 traffic signals, more than 25,000 traffic control signs and pavement markings on more than 500 miles of roadways.

Angelo received his Bachelor and Master of Science Degrees in Civil Engineering from the University of Oklahoma in 1983 and 1984 respectively. Upon graduation he joined the Oklahoma Department of Transportation and completed their Engineer-in-Training Program in May of 1985. He then joined ODOT's Traffic Engineering Division where he worked until September of 1992.

He is a registered Professional Engineer in the State of Oklahoma, a member of the Institute of Transportation Engineers and its Missouri Valley Section, where he served as President in the Board of Direction. He has been a member of the Oklahoma Traffic Engineering Association since 1986 and has been President and City/State/County Director, and currently serves as the Secretary-Treasurer and Editor of the OTEFfield - the organization's quarterly Newsletter.

Angelo has been married to his wife Annie for 34 years. Annie is also an engineer and worked for ODOT's Bridge Division as an Engineering Manager until her retirement in 2013. They have four children, Alicia - a Physician Assistant, Anna - a Speech Pathologist, and Maria - a Nurse Practitioner. All three daughters earned the bachelor and graduate degrees from Marquette University. Michael Angelo, the fourth child, earned his Bachelor in Fine Arts degree in painting from the Rhode Island School and practices his art in Los Angeles, California.

Angelo is also an Ordained Deacon in the Catholic Church and serves at Saint Joseph Parish in Norman, Oklahoma.

APPENDIX H

TEAM-STL CHAPTER

2018 ANNUAL REPORT



Transportation Engineering Association of Metropolitan St. Louis



TRANSPORTATION ENGINEERING ASSOCIATION OF METROPOLITAN ST. LOUIS

2018 ANNUAL REPORT



Transportation Engineering Association of Metropolitan St. Louis

2018 was a great year for TEAM StL. Our Board is always building energy, working toward creating great programs, increasing membership, and outreach to student chapters in our Region. As in past years, we continue to see a large attendance at our annual TEAM Fair.

ADMINISTRATIVE

2018 EXECUTIVE BOARD		
Past President	Brian Eads	Crawford, Murphy & Tilly
President	Adam Garms	Jacobs
Vice President	Joel Birke	Burns & McDonnell
Secretary	Rick Brown	City of Wildwood, MO
Treasurer	Ryan Pierce	St. Louis County
DIRECTORS		
Director I Education Affairs	Michelle Schwierjohn	TWM, Inc.
Director II Public Relations	Ryan Fries	Southern Illinois University – Edwardsville
Director III TEAM Membership	Justin Wagner	MoDOT
Director IV Special Projects	John Klein	Horner & Shifrin
SPECIAL ASSISTANT TO THE BOARD		
Chapter Administrator	Shawn Leight	CBB & Washington University

Board Notes:

During the fall, Vice President Joel Birke resigned his position due to a change in employment effective October 5th. No one was brought in to replace Joel immediately, and the vacancy was addressed during our annual election which was held in November, whereby two positions were filled as follows:

Kelly Schaefer, PE, PTOE, Lochmueller Group, was elected to the Board as Director III.

Mike Erdtmann, PE, GBA, was elected to the Board as Director IV



Transportation Engineering Association of Metropolitan St. Louis

MEMBERSHIP

We ended 2018 with 173 members. Our diverse membership includes local transportation professional from State, County, and local governments, public organizations such as our local MPO and transit authority, transit advocacy groups, transportation vendors, equipment vendors and consultant professionals. In addition, we have regular meeting and event attendance from local transportation students from Washington University, Saint Louis University, University of Missouri, and Southern Illinois University at Edwardsville. These students are vital to our organization, although they are not officially counted in our membership.

DUES STRUCTURE

TEAM's dues rate remained \$10 this year. During 2018, we continued to provide a free lunch to any first-time attendees and students. Student memberships are free as well, therefore hard to quantify.

FINANCIAL STATEMENT

A summary of TEAM's account is below. TEAM's Employee ID Number is 27-1106033. The 2018 Financial Statement can be found in **Appendix A**.

SUMMARY OF ACCOUNTS	
Beginning of Year Checking Balance	\$36,454.11
Total Income	\$23,295.00
Total Expenses	\$30,528.88
Net Over Period	\$(7,233.88)
End of Year Checking Balance	\$29,220.23

MEETINGS

Our meetings are held the third Tuesday of every month, except June, July, August and December. These meeting include a lunch and presentation on a transportation topic. (For 2018, our regular September meeting was cancelled due to the scheduling of the annual TEAM Fair on September 20th.) Lunch meeting attendance is \$10 for members and \$15 for non-members. In addition, we have hosted several webinars and our annual TEAM Fair. The monthly lunch meetings are held at MoDOT's Transportation Management Center. As an agency very active in TEAM, MoDOT offers the room at no charge. In 2018, we continued the annual "Past President's Meeting", in May. Began in 2010, our May



Transportation Engineering Association of Metropolitan St. Louis

meeting each year honors those who have served as Presidents of the chapter. We strive to have a presentation by one of these honorees and provide each of them with a complimentary lunch.

A summary of our monthly meetings is shown below.

EVENT DATE	TOPIC	PRESENTER	PDH
January 16	MoDOT Safety Design Build Project – Road to Saving Lives	Bill Schnell, PE, Assistant District Engineer, MoDOT, and Vince Kaimann, PE, Safety Design Build Project Director, MoDOT	1.0
February 20	Traffic Management Enhancements Phase 3 (City of St. Louis)	Mike Dolde, PE, PTOE, Senior Traffic Engineer, and Jacque Lumsden, Transportation Planner, CBB	1.0
March 20	Armour Rd Complete Streets Study	Jennifer Pangborn, AICP, PTP, Senior Technical Principal – WSP Bryan Robinson, Lead Planner – WSP	1.0
April 17	In the Pipeline: A Look into the Future of Transportation and ITE	Shawn Leight, PE, PTOE, PTP CBB	1.0
May 15	Building a New Champ Clark Bridge While Teens Preserve the Old One	Keith Killen, PE, Project Manager, MoDOT	1.0
October 16	Revitalizing IDOT-D8 Traffic Website: Designs/Implementation and Lessons Learned	Hiroshi Fujinoki, PhD, Professor – Dept. of Computer Science, Southern Illinois University - Edwardsville	1.0
November 20	A Brief History of Railroads and St. Louis	Erick Fields, PE, Chief Engineer, Terminal Railroad Association of St. Louis	1.0

TEAM ST. LOUIS ANNUAL FAIR

Our biggest event of the year continues to be our annual TEAM STL Fair. The thirteenth annual fair was held Thursday, September 20, 2018 at the St. Nicholas Family Life Center. Registered engineers in attendance had the opportunity to obtain a maximum of 7 PDHs. Registration fees were a very reasonable \$40 for members and \$50 for non-members including a light breakfast, lunch, drinks, and snacks. The extra cost for non-members is equivalent to our annual



Transportation Engineering Association of Metropolitan St. Louis

membership fee, so that all who attend the Fair become TEAM members.

Our excellent program of presentations included:

- Lessons Learned from Hurricane Maria over Puerto Rico
- Poplar Street Bridge Rehabilitation
- Travel Demand Modelling at EW Gateway
- Metro's Vision for Public Mobility
- PGA Championship Traffic Control
- Engineering Ethics
- ITE Leadership/MoDOT and IDOT – Leadership Panel
- Connected and Autonomous Vehicles
- Olmstead Locks & Dam / Merchants Rail Bridge
- Not Quite a DDI or SPUI
- SPUI
- University Research
- Gas Tax Roundtable

This year's event had 310 registered attendees, a slight increase from the Fair in 2017. Additionally, we were very fortunate to have 36 corporate sponsors. The corporate sponsors, for a \$100 fee, were recognized on various signs including the presentation screen saver, and the reverse side of the receipt/PDH form. Booth space was offered for an additional \$50. Please see **Appendix C** for the fair brochure with a complete list of presentations and receipt/PDH form.

At the TEAM Fair, we continued our efforts to support engineering students and offered a Poster Competition with scholarships for \$150 and \$250. We were excited to have six students from several area universities submit their posters. Please see **Appendix D** for information on the poster contest.

AWARDS PROGRAM

In 2010, we revised the TEAM Bylaws to create an annual awards program. This year the TEAM St. Louis Transportation Achievement award went to Jessica Mefford-Miller, Executive Director of Metro Transit, the St. Louis metropolitan region's public transportation system. Jessica is responsible for the overall operations of all Metro services and fleet. She is also tasked with developing and implementing operational and capital programs; partnering and building relationships with regional stakeholders; and successfully developing and managing local and



Transportation Engineering Association of Metropolitan St. Louis

federally-funded projects that enhance and expand transit service across the St. Louis region. Mefford-Miller previously held the position of Assistant Executive Director for Planning and System Development. Since joining Metro Transit in 2006, Mefford-Miller has helped redefine how the agency designs, manages and thinks about public transit. She has employed an approach that balances data-driven research and analytics with the need to provide truly meaningful and impactful transportation options for passengers. This approach has allowed Metro Transit to address its practical operational and budgetary demands, and at the same time develop customer-focused projects that go beyond meeting basic transportation needs to deliver a transit experience that is more personal, more accessible and more enjoyable.

Prior to joining Metro, Mefford-Miller held posts at the National Park Service, the Ohio Department of Transportation and The Ohio State University, where she is currently a doctoral candidate.

2018 TEAM ST. LOUIS ITE STUDENT CHAPTER SUPPORT ACTIVITIES

TEAM St. Louis is affiliated with three ITE student chapters: Washington University, Southern Illinois University at Edwardsville and St. Louis University. TEAM St. Louis offers free registration to all students at their monthly meetings and annual Transportation Fair. Team St. Louis also offers financial support to requesting student chapters for educational activities.

Washington University, Southern Illinois University at Edwardsville (SUIE), and St. Louis University (SLU), were requested to submit their chapter reports this year by February 15th.

ST. LOUIS MEMBERS ACTIVE IN ITE

TEAM St. Louis Members held the following ITE appointments in 2018:

- Shawn Leight – ITE International Immediate Past President
- Carrie Falkenrath was the Vice-Chair of the LeadershipITE Committee and a member of the Women in ITE Subcommittee
- Amanda Brauer was the Chair of the LeadershipITE Alumni Communication Subcommittee
- Annette Meyer was a member of the ITE Student Membership Subcommittee
- Emmanuel Nketah was a member of the STEM Subcommittee for Diversity and Inclusion



APPENDIX A

2018 FINANCIAL STATEMENT



Transportation Engineering Association of Metropolitan St. Louis

2018 TEAM Financial Statement			
	2017	2018	Difference
INCOME			
Membership Dues & Monthly Meetings	\$ 5,551.00	\$ 5,465.00	\$ (86.00)
Annual TEAM Fair	\$ 11,566.00	\$ 10,980.00	\$ (586.00)
Tours, Webinars, etc	\$ -	\$ 2,500.00	\$ 2,500.00
Corporate Sponsorships	\$ 4,400.00	\$ 4,050.00	\$ (350.00)
Interest Gained	\$ -	\$ -	\$ -
WashU Student Chapter	\$ 500.00	\$ 300.00	\$ (200.00)
TOTAL INCOME	\$ 22,017.00	\$ 23,295.00	\$ 1,278.00
EXPENSES			
Meals	\$ 4,704.10	\$ 4,741.01	\$ 36.91
Web Site Maintenance	\$ -	\$ 216.00	\$ 216.00
TEAM Fair	\$ 9,008.37	\$ 10,783.20	\$ 1,774.83
Tours, Webinars, etc	\$ -	\$ -	\$ -
WashU Student Chapter	\$ -	\$ 227.48	\$ 227.48
Student Chapter Support	\$ 600.00	\$ 700.00	\$ 100.00
Square Fees	\$ 551.33	\$ 591.40	\$ 40.07
Misc.	\$ 19.00	\$ 13,269.79	\$ 13,250.79
Sponsorships	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ 14,882.80	\$ 30,528.88	\$ 15,646.08
Summary of Accounts			
Beginning of the Year Balance	\$ 29,373.91	\$ 36,454.11	\$ 7,080.20
Total Income	\$ 22,017.00	\$ 23,295.00	\$ 1,278.00
Total Expenses	\$ 14,882.80	\$ 30,528.88	\$ 15,646.08
Net Over Period	\$ 7,134.20	\$ (7,233.88)	\$ (14,368.08)
End of the Year Balance	\$ 36,508.11	\$ 29,220.23	\$ (7,287.88)
SUMMARY OF PROGRAM COSTS (2018)	Income	Expenditures	Difference
Monthly Meetings (Memberships and Dues plus Lunch costs)	\$ 5,465.00	\$ 4,741.01	\$ 723.99
TEAM Fair	\$ 10,980.00	\$ 10,783.20	\$ 196.80
Sponsorships	\$ 4,050.00	\$ -	\$ 4,050.00




APPENDIX B

2018 TEAM MEETING ANNOUNCEMENTS



Transportation Engineering Association of Metropolitan St. Louis

TEAM StL January Meeting Notice

 [Friend on Facebook](#)

 [Forward to a Friend](#)



RSVP

Memberships are now due for 2018

TEAM Membership Dues-

Individual memberships are \$10.00 per year. When more than one membership is requested for persons working at the same agency (and when paying with one check) additional memberships are \$9.00 each. For multiple memberships please email membership@teamstl.org.

[CLICK HERE TO JOIN NOW!](#)

Tuesday, January 16, 2018

MoDOT Transportation Management Center
14301 South Outer 40 Road
Town & Country, Missouri

Networking at 11:30 am, Lunch at 12:00 noon

Lunch Costs: \$10 for TEAMStL Members
\$15 for Non-Members

As in the past, members are encouraged to bring visitors. There is no fee for first time visitors.

Vince Kaimann, P.E. | Safety Design Build Project Director, MoDOT will be presenting on:

MoDOT Safety Design-Build Project - Road to Saving Lives

The presentation will focus on the following:

1. Objective of this Design-Build (DB) project to maximize the safety benefits of the 31 identified project locations of various facility types in Franklin and St. Charles Counties using data-driven and quantitative safety analysis. This is the first of its kind DB project in the US with the central theme of Road to Saving Lives that used HSM as the primary evaluation tool.
2. A look at the how a data-driven safety analysis was delivered using DB procurement process.
3. A look at the selected best value DB team who's targeted safety improvements reduce 73 fatal and serious injury crashes over a period of 10 years. The current status of the on-going construction will also be highlighted.

PDH certificates will be emailed to registered attendees after the meeting. PDH credit will be based on the length of the presentation (0.5 to 1.0).


Please RSVP on TEAM StL's website by COB on Friday, January 12, 2018. You can prepay for the meeting here or pay at the door.

If you need to cancel your reservation, please email meetings@teamstl.org to cancel.



Transportation Engineering Association of Metropolitan St. Louis

TEAM StL February Meeting Notice

 [Friend on Facebook](#)

 [Forward to a Friend](#)



Memberships are now due for 2018

TEAM Membership Dues-

Individual memberships are \$10.00 per year. When more than one membership is requested for persons working at the same agency (and when paying with one check) additional memberships are \$9.00 each. For multiple memberships please email membership@teamstl.org.

[CLICK HERE TO JOIN NOW!](#)



Tuesday, February 20th, 2018

MoDOT Transportation Management Center
14301 South Outer 40 Road
Town & Country, Missouri

Networking at 11:30 am, Lunch at 12:00 noon

Lunch Costs: \$10 for TEAMStL Members
\$15 for Non-Members

As in the past, members are encouraged to bring visitors. There is no fee for first time visitors.

Mike Dolde, PE, PTOE | Associate – Senior Traffic Engineer and Jacque Lumsden | Transportation Planner/Marketing Coordinator will be presenting on:

Traffic Management Enhancements Phase 3 (City of St. Louis)

The Traffic Management Enhancement Phase 3 project builds upon two successful phases and 20 years of corridor projects throughout the City of St. Louis. This project includes three major components including Camera and Network Design, TMC staffing, and a Downtown Multimodal Study. The City of St. Louis has over 500 signalized intersections with approximately 375 signals connected to a TACTICS ATMS. The network includes 96 miles of fiber, 35 surveillance cameras and additional ITS components. The vision for the Downtown Multimodal Plan, including bike plan development is to develop a robust multimodal system that enhances connections for pedestrians, bicyclists, transit users and motorists, of all ages and abilities, while improving quality of life, supporting economic growth and community development, easing congestion and bettering air quality, and improving public health.

PDH certificates will be emailed to registered attendees after the meeting. PDH credit will be based on the length of the presentation (0.5 to 1.0).

Please [RSVP](#) on TEAM StL's website by COB on Friday, February 16th, 2018. You can prepay for the meeting online or pay at the door.

If you need to cancel your reservation, please email meetings@teamstl.org to cancel.




Transportation Engineering Association of Metropolitan St. Louis

TEAM StL March Meeting Notice

Just a friendly reminder that if you plan to attend the TEAM-StL Meeting on Tuesday, March 20th, please register by COB Friday, March 16th. If you've already responded, thank you!

There will be a brief meeting about the TEAM Fair directly after the luncheon.

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Memberships are now due for 2018

TEAM Membership Dues-

Individual memberships are \$10.00 per year. When more than one membership is requested for persons working at the same agency (and when paying with one check) additional memberships are \$9.00 each. For multiple memberships please email membership@teamstl.org.

[CLICK HERE TO JOIN NOW!](#)



Tuesday, March 20th, 2018

MoDOT Transportation Management Center
14301 South Outer 40 Road
Town & Country, Missouri

Networking at 11:30 am, Lunch at 12:00 noon

Lunch Costs: \$10 for TEAMStL Members
\$15 for Non-Members

As in the past, members are encouraged to bring visitors. There is no fee for first time visitors.

Jennifer Pangborn, AICP, PTP | Senior Technical Principal – WSP and Bryan Robinson | Lead Planner – WSP will be presenting on:

Armour Rd Complete Streets

The Armour Road Complete Streets in North Kansas City, Missouri, is one of the most exciting and rewarding projects for the community. The WSP team produced an implementation plan for three distinct zones along Armour Road, which is the city's downtown main street and gateway to their city. The team lead the public and stakeholders through a robust engagement process with a 'Meet on the Street' event as the capstone. Through this innovative effort, the city momentum to implement the plan was accelerated and the city council unanimously adopted the plan and committed funding for implementation in 2018. Our team is now working with the city to implement the mid-term improvements and next steps for the downtown. This project was grounded in public participation, input, and technical components to make it a success.

PDH certificates will be emailed to registered attendees after the meeting. PDH credit will be based on the length of the presentation (0.5 to 1.0).


Please [RSVP](#) on TEAM StL's website by COB on Friday, March 16th, 2018. You can prepay for the meeting online or pay at the door.

If you need to cancel your reservation, please email meetings@teamstl.org to cancel.



Transportation Engineering Association of Metropolitan St. Louis

TEAM StL April Meeting Notice

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Memberships are now due for 2018

TEAM Membership Dues-

Individual memberships are \$10.00 per year. When more than one membership is requested for persons working at the same agency (and when paying with one check) additional memberships are \$9.00 each. For multiple memberships please email membership@teamstl.org.

[CLICK HERE TO JOIN NOW!](#)



The 5th Annual St Louis Work Zone Awareness 5K to be held

Tuesday, April 17th, 2018

MoDOT Transportation Management Center
14301 South Outer 40 Road
Town & Country, Missouri

Networking at 11:30 am, Lunch at 12:00 noon

Lunch Costs: \$10 for TEAMStL Members
\$15 for Non-Members

As in the past, members are encouraged to bring visitors. There is no fee for first time visitors.

Shawn Leight, PE, PTOE, PTP | Vice President and COO
- CBB will be presenting on:

In the Pipeline: A look into the future of transportation and ITE

Shawn Leight, ITE's Immediate Past International President, will be presenting on transportation trends and how ITE's initiatives are preparing the profession for the changes that are to come. Broad policy issues will be discussed including: transportation funding, Vision Zero, Smart Communities, Connected/Automated Vehicles, Transportation and Health, and ITE's new Strategic Plan.

PDH certificates will be emailed to registered attendees after the meeting. PDH credit will be based on the length of the presentation (0.5 to 1.0).

Please [RSVP](#) on TEAM StL's website by COB on Friday, April 13th, 2018. You can prepay for the meeting online or pay at the door.

If you need to cancel your reservation, please email meetings@teamstl.org to cancel.



Transportation Engineering Association of Metropolitan St. Louis

TEAM StL May Meeting

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Memberships are now due for 2018

TEAM Membership Dues-

Individual memberships are \$10.00 per year. When more than one membership is requested for persons working at the same agency (and when paying with one check) additional memberships are \$9.00 each. For multiple memberships please email membership@teamstl.org.

[CLICK HERE TO JOIN NOW!](#)

2018 TEAM StL Fair

Please plan to stay after our May meeting for a TEAM StL Fair planning meeting. We welcome everyone's input towards planning this annual event.

Tuesday, May 15th, 2018

MoDOT Transportation Management Center
14301 South Outer 40 Road
Town & Country, Missouri

Networking at 11:30 am, Lunch at 12:00 noon

Lunch Costs: \$10 for TEAMStL Members
\$15 for Non-Members

As in the past, members are encouraged to bring visitors. There is no fee for first time visitors.

Keith Killen, PE | Project Manager – MoDOT will be presenting on:

Building a New Champ Clark Bridge While Teens Preserve the Old One

The Missouri Department of Transportation in partnership with the Illinois Department of Transportation used the Design-Build method to replace the aging Champ Clark Bridge on US Route 54 over the Mississippi River while engaging local high school students to preserve the existing bridge's history.

PDH certificates will be emailed to registered attendees after the meeting. PDH credit will be based on the length of the presentation (0.5 to 1.0).

Please [RSVP](#) on TEAM StL's website by COB on Friday, May 11th, 2018. You can prepay for the meeting online or pay at the door.


If you need to cancel your reservation, please email meetings@teamstl.org to cancel.



Transportation Engineering Association of Metropolitan St. Louis

TEAM StL October Meeting Notice

Just a friendly reminder that if you plan to attend the TEAM-StL Meeting on Tuesday, October 16th, please register by COB Friday, October 12th. If you've already responded, thank you!

 [Friend on Facebook](#)

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Automated Traffic Signal Performance Measures Workshop

In partnership with the Federal Highway Administration, please join the Missouri Department of Transportation for one of two free, one-day workshops to learn how use of ATSPMs can improve the operations of traffic signal systems. We'll dive into what ATSPMs are, how they're used to time traffic signals, explore real-world applications with ATSPMs, and consider some advanced applications using high-resolution data.

When: October 23, 2018 | 8:30 a.m. to 4:00 p.m.
Where: Missouri Department of Transportation (Kansas City)
600 NE Colbern Rd.
Lee's Summit, MO 64086
[Click Here to Register Now \(Kansas City\)](#)

When: October 25, 2018 | 8:30 a.m. to 4:00 p.m.
Where: Missouri Department of Transportation (St. Louis)
Transportation Management Center (TMC)
14301 S. Outer Forty Rd.
Chesterfield, MO 63017

Tuesday, October 16th, 2018

MoDOT Transportation Management Center
14301 South Outer 40 Road
Town & Country, Missouri

Networking at 11:30 am, Lunch at 12:00 noon

Lunch Costs: \$10 for TEAMStL Members
\$15 for Non-Members

As in the past, members are encouraged to bring visitors. There is no fee for first time visitors.

Hiroshi Fujinoki, PhD | Professor – SIUE Computer Science will be presenting on:

Revitalizing IDOT-D8 Traffic Web Site Designs/Implementation and Lessons Learned

The Illinois Department of Transportation has contracted Southern Illinois University Edwardsville (SIUE) to revitalize their traveler information website. This project includes streamlining the data flows, providing consistent technical support, and developing the technical documents that can support IDOT. This project is on-going and the presentation will discuss lessons learned to-date.

PDH certificates will be emailed to registered attendees after the meeting. PDH credit will be based on the length of the presentation (0.5 to 1.0).


Please [RSVP](#) on TEAM StL's website by COB on Friday, October 12th, 2018. You can prepay for the meeting online or pay at the door.

If you need to cancel your reservation, please email meetings@teamstl.org to cancel.



Transportation Engineering Association of Metropolitan St. Louis

TEAM StL November Meeting Notice

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**Vote now: TEAM StL -
2019 Director IV
Election Reminder**

The TEAM StL 2019
Director IV Election is
ongoing.

The voting deadline is
Nov 16 2018 11:45 pm
Central Time (US &
Canada).

We are using an online
election system to
tabulate our votes. You
have been assigned a
unique access key which
can only be used to vote
once, and your voting
choices will remain
anonymous. Please
check your email from
11/5/18.

If you have election
questions, feedback or
want to be removed from
future ballot lists, please
email Secretary TEAM at
secretary@teamstl.org.

Tuesday, November 20th, 2018

MoDOT Transportation Management Center
14301 South Outer 40 Road
Town & Country, Missouri

Networking at 11:30 am, Lunch at 12:00 noon

Lunch Costs: \$10 for TEAMStL Members
\$15 for Non-Members

As in the past, members are encouraged to bring visitors.
There is no fee for first time visitors.

Eric Fields |Chief Engineer with the Terminal Railroad
Association of St. Louis will be presenting on:

A Brief History of Railroads and St. Louis

Mr. Fields will provide a historical perspective to our
current railroad system in St. Louis. Our region has a rich
history of multimodal transportation and this presentation
should be both informative and interesting.

PDH certificates will be emailed to registered attendees
after the meeting. PDH credit will be based on the length
of the presentation (0.5 to 1.0).

Please [RSVP](#) on TEAM StL's website by COB on Friday,
November 16th, 2018. You can prepay for the meeting online
or pay at the door.

If you need to cancel your reservation, please
email meetings@teamstl.org to cancel.



APPENDIX C


TEAM FAIR ANNOUNCEMENT, PROGRAM & PDH FORM



Transportation Engineering Association of Metropolitan St. Louis

Thursday, September 20, 2018

16th Annual TEAM StL Transportation Fair

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REGISTER AND PREPAY ONLINE!

Click [here](#) to register for the Transportation Fair

Calling All Nominations - Due August 28!

The TEAM StL Annual Transportation Achievement Award:
An award to be offered annually by TEAM StL to an individual, team, or organization that has made outstanding and/or significant contributions to the Transportation Engineering profession in the St. Louis region. Please click [here](#) for more information.

Corporate Sponsorships

For information on corporate sponsorship and/or display space, please [email Shawn Leight](#).

Student Resume Book

Attention College Students: Submit your resume via [email](#) to be included in the TEAM Fair's Resume Book.

Research Poster Competition

College students are invited to participate in our annual poster competition.

The 16th Annual TEAM StL Transportation Fair will be held Thursday, September 20, 2018 from 8:00 am to 4:00 pm at the [St. Nicholas Family Life Center](#). Registration opens at 7:15 am.

An exciting program is being planned for this all day event. **Registration is now open!** You can register and prepay online at www.teamstl.org/team-fair or mail the registration payment to contact included in Registration Confirmation.

TEAM StL Transportation Fair Agenda Sneak Peak of some of the topics

~ Opening Session ~

- **MoDOT/IDOT Leadership Panel Moderated by Shawn Leight** (MoDOT Leadership / IDOT Leadership)

~ Morning Sessions ~

- **Poplar Street Bridge Slide** (Michelle Forneris & Greg Kuntz)
- **Travel Demand Modeling** (Lubna Shoaiba)
- **PGA - Event Traffic Management** (Karen Yemons)
- **Engineering Ethics** (Dr. William "Skip" Larkin)

~ Lunch Session ~

- **ITE Leadership** (Shawn Leight)
- **Puerto Rico' Transportation Infrastructure as a Result of Hurricane Maria** (Benjamin Colucci Rios)

~ Afternoon Sessions ~

- **Connected Vehicles** (Frank Provenzano & Kris Milster)
- **Olmstead** (Sharon Hoffman)
- **Merchant's Bridge** (Mary Lamie & Eric Fields)
- **University Research** (Dr. Yan Qi, Yaw Adu-Gyamfi, & Dr. Jalil Kianfar)

~ Closing Session ~


- **Gas Tax Roundtable**




The TEAM StL Transportation Fair is this week! Don't forget about this years Charity

Thursday, September 20, 2018

16th Annual TEAM StL Transportation Fair

 [Friend on Facebook](#)

 [Forward to a Friend](#)



**REGISTER AND
PREPAY ONLINE!**

Click [here](#) to register for the
Transportation Fair

Automated Traffic Signal Performance Measures Workshop

When: October 25, 2018 |
8:30 a.m. to 4:00 p.m.
Where: Missouri Department
of Transportation (St. Louis)

In partnership with the
Federal Highway
Administration, please join
the Missouri Department of
Transportation for one of two
free, one-day workshops to
learn how use of ATSPMs
can improve the operations of
traffic signal systems. We'll
dive into what ATSPMs are,
how they're used to time
traffic signals, explore real-
world applications with
ATSPMs, and consider some
advanced applications using
high-resolution data.

For Additional information,
please contact:

Help the poor and homeless in our City - impacting and changing lives through serving

Churches on the Street (COTS) is a faith based non-profit organization. We are a collaboration of people who love God and believe according to His word that we're to help the poor, the lost and the hurting. We do this as volunteers who meet every Monday and Thursday night at 6:00 pm helping those that are homeless and in vulnerable communities with food, clothing, blankets, toiletries, encouragement, the Word and other practical resources. To be able to continue to provide these items to those served, donations are needed. See below for a list of those current needs.

We believe that the Word of God changes lives and through our own testimonies we're able to positively influence those we come in contact with and build relationships with those on the streets. We believe the great commission, to go into all the world and preach the gospel and that includes our own backyard. COTS is here to ignite people out of their church seats and into the streets helping those in need. COTS does not have a building, we are the church in action. In addition to helping the homeless, we focus on ending human trafficking, restoring education and disaster relief.



Churches on the Streets STL
August 28 at 11:15am · 📍

The season is changing again and so are our needs for those we serve.



Transportation Engineering Association of Metropolitan St. Louis

Transportation Engineering Association of Metropolitan St. Louis

SIXTEENTH ANNUAL TEAM TRANSPORTATION FAIR
ST. LOUIS, MISSOURI - SEPTEMBER 20, 2018

FURTHERING TRAFFIC AND
TRANSPORTATION
KNOWLEDGE
FOR THE BETTERMENT
OF THE ST. LOUIS
METROPOLITAN AREA

THIS CERTIFICATE IS PRESENTED TO: _____
FOR DEMONSTRATING SINCERE INTEREST IN CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT.

PDH		TOPIC	PRESENTER	TIME
AVAILABLE	EARNED			
1		Opening Session - Lessons Learned from Hurricane Maria over Puerto Rico	Dr. Benjamin Colucci Rios, University of Puerto Rico at Mayaguez	8:00 - 9:00
1		2A- Poplar St. Bridge Rehabilitation and Widening	Michelle Fomoris, MoDOT Greg Kuntz & Ryan Shaw, HDR	9:10 - 10:00
1		2B- Travel Demand Modeling @ EWG / Metro's Vision for Public Mobility	Lubna Shoaib, EWGCOG Jessica Gershman, Metro	10:10 - 11:00
1		3A- PGA Championship - Event Traffic Management / Drones - Capturing Reality	Karen Yeomans, MoDOT Ben Lindner, GBA	11:50 - 12:50
1		3B- Engineering Ethics	Dr. William 'Skip' Larking, SIUE	1:00 - 1:50
1		4- ITE Leadership / MoDOT and IDOT Leadership Panel	Shawn Leight, ITE International Past President, CBB Tom Blair MoDOT / Jeff Keim, IDOT	2:00 - 3:00
1		5A- Connected and Autonomous Vehicles	Frank Provenzano, Traffic Cast Kris Milster, Traffic Technology Services, Inc.	3:10 - 4:00
1		5B- Olmstead Locks & Dam / Merchants Rail Bridge	Sharon Hoffman, Jacobs Mary Lannie, St. Louis Regional Freighway Eric Fields, TRRA	
1		6A- Not quite a DDI or SPUT / Hyperloop	Ryan Hale, MoDOT Andrew Smith, St. Louis Regional Chamber	
1		6B- University Research	Dr. Yan Qi, SIUE, Yaw Adu-Gyamfi, Mirzou Dr. Jalil Kianfar, SLU	
1		Closing Session- Gas Tax Roundtable	Pat Kelly, St. Louis Municipal League Len Toenjes, AGC-Missouri	
TOTAL (7 MAX)				

2018 TEAM TRANSPORTATION FAIR
SEPTEMBER 20, 2018

NAME: _____

This letter serves as your membership receipt in the amount of \$40.00 or non-membership amount of \$50.00 for the Fair.

Prepaid _____ Paid at Registration _____

Receipt approved by: _____ representing TEAM St. Louis Chapter.



Please acknowledge our sponsors and visit their exhibits!





APPENDIX D

Student Research Poster Competition Announcement



Transportation Engineering Association of Metropolitan St. Louis

7th Annual Student Research Poster Competition

The purpose of the Competition is to encourage students to:

- Engage in high quality, sound, and pertinent research;
- Gain experience in presentation of scientific papers;
- Demonstrate poise and mental agility before their peers;
- Develop skills in effective communication for dissemination of research information.

Subject of Presentation

- Any basic or applied research related to transportation will be considered for entry in the competition.
- The presentation may contain information that has been presented at other regional or national meetings.

Online Registration

- Please register below or send an email with your name and topic to jeanne.olubogun@modot.mo.gov prior to September 7, 2018.

Place and Condition of Presentation

- Posters are to be displayed at the annual TEAM StL Transportation Fair, on Thursday, September 20, 2018.
- Posters shall be 30" x 40". Foam board and clips will be provided for mounting of the posters.
- Posters should be displayed no later than 9:00 a.m. Judging will close at noon and winners will be announced at 12:50 p.m.

Evaluators of Posters

- Judges will review posters with the contestant present. The panel of judges will evaluate and score posters presented. Contestants will not give a formal oral presentation in the traditional sense; however, they should be prepared to explain their research process and findings and to answer questions from judges concerning objectives, methods, design, results and interpretation of research. Judges will visit each exhibit throughout the morning and lunchtime sessions to evaluate posters using criteria established. At the conclusion of the competition, judges will meet with the chairperson of the Fair to confirm the winners.
- First, second, and third place prizes are given in the amounts of \$250, \$150, and \$100 respectively.

Evaluation Criteria

The posters will be evaluated on a scale of 100 points max, on the following:

- The communication of the research, including visual aspects of the poster and the ability to answer questions posed. (40 points)
- The organization of data and research (30 points)
- The significance of the contribution to the transportation industry. (30 points)

Questions?

- Jeanne Fuchs Olubogun at 314-275-1536
- Shawn Leight at 314-878-6644

APPENDIX I

UNIVERSITY OF ARKANSAS CHAPTER

2018 ANNUAL REPORT



University of Arkansas Institute of Transportation Engineers Student Chapter

2018-2019 ANNUAL REPORT



Karla J Diaz-Corro
ITE Student Chapter President

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Introduction

Over the past year, as an official Registered Student organization, the goal of the University of Arkansas (UA) Institute of Transportation Engineers (ITE) Student Chapter has been to expose and engage the UA ITE Student Chapter student members with the local community. For example, this year, the student officers participated on outreach activities to engage with the local communities through K-12 classroom visits during summer camps at the University of Arkansas.

Goals for this year are to continue engaging with the professional chapter members in the region and in Arkansas, to keep up with the implementation of outreach activities on off-campus events, and involve our student chapter members in more leadership activities. As we begin this year, a series of activities are planned considering the proposed goals. This upcoming semester we are honored to provide the location for the Transportation Leadership Summit in, Fayetteville, Arkansas, hosted by the Southern Plains Transportation Center (SPTC). In this event, UA ITE Student Chapter will be in charge of coordinating a series of activities including resume development, special lectures from transportation leaders from the Arkansas Department of Transportation (ARDOT), as well as receiving training on the development and implementation of outreach activities for local communities. Every semester, the student chapter plans to host three general meetings. In these meetings, professional chapter members talk to student chapter members about their experiences in the workforce and address current transportation issues. In addition to inviting ITE professional members as speakers to our monthly meetings, we plan to host a resume and interview seminar to prepare our student members for the STEM Career fair and continue with our program on outreach training to the student chapter members.

This annual student chapter report is organized as follows: (1) chapter organization, (2) summaries of officer and general meetings, and highlights from the conferences in which our student chapter members participated, (3) the budget for fiscal years 19-20, and (4) an outlook on next year's activities. Questions and suggestions should be directed to the Student Chapter President, Karla Diaz-Corro (kjdiazco@email.uark.edu), or Advisor, Sarah Hernandez (sarahvh@uark.edu).



Karla J Diaz-Corro

ITE Student Chapter President
University of Arkansas

Chapter Organization

In this section, the history of our chapter is presented followed by a description of our organization structure and list of our officers.

ITE History

Although the University of Arkansas (UA) has offered a strong Civil Engineering program since 1897, it wasn't until October 29, 1993 that the ITE Student Chapter was first established under the MOVITE Section. The original student chapter advisor was Dr. Jim Gattis (Emeritus Faculty, UA). Upon its initial founding and for several years beyond, the student chapter was very active. However, the chapter became dormant over time. In 2015, the UA Civil Engineering Department hired Dr. Sarah Hernandez, who specializes in transportation systems engineering and planning. Dr. Hernandez, being a member of ITE, organized, with the help of Dr. Hall, a new student organization called Transportation Leaders of the 21st Century (TL21). TL21 is a product of the USDOT University Transportation Center (UTC) program, specifically, the Southern Plains Transportation Center (SPTC) housed at the University of Oklahoma. Dr. Hernandez proposed transitioning the TL21 group to an ITE Student Chapter in 2016. The new ITE Student Chapter created a constitution, assigned leadership roles, and began interacting with the professional ITE chapter members through monthly meetings and off-campus conferences. TL21 and ITE aiming to a similar objective. Both groups seek to introduce students to the transportation field and find ways to address current transportation issues. TL21 officers voted to re-register TL21 as ITE so that the dormant student chapter of the University of Arkansas might be revived at the start of the Spring 2017 semester. The ITE Student Chapter is now a Registered Student Organization (RSO) at the UA.



ITE Organizational Structure

Transportation Leaders of the 21st century (TL21) is the parent organization of the ITE Student Chapter at the University of Arkansas. All members of TL21 are encouraged to become national members of ITE, by explaining to member the importance of being a member of ITE in order to participate in ITE events such as national/regional conferences. While it is not required to be an ITE member in order to join TL21, every officer must register as a member of ITE. In addition to the faculty advisor, the leadership group consists of the following roles and responsibilities:

The President will:

1. chair all meetings of TL21 and call special meetings as needed
2. organize any elections associated with TL21 events
3. actively recruit new members on an event basis
4. maintain and update the constitution as necessary

The Vice President will:

1. chair any ad hoc committees or task forces of the organization
2. be in charge recruitment and outreach to new or continuing students
3. maintaining or finding a volunteer to maintain the TL21 Facebook page
4. manage and collect pictures of TL21 activities

The Secretary will:

1. create and maintain the organization's electronic membership directory that includes current names and email addresses
2. take, record, and file meetings minutes, produce all official correspondence for the organization

The Treasurer will:

1. maintain records and report on the financial transactions of TL21
2. develop and produce an Annual Report to SPTC, detailing TL21 activities conducted in the previous year

All officers and candidates for office must be currently enrolled, full-time students at the University of Arkansas with a minimum GPA of 2.50. Nominations for all offices open from the first week to the third week of the Spring semester. The President collects the names of the nominees and includes all nominees in the election ballot. Nominations close at the end of the third week of the spring semester. A simple majority is used to vote in new officers who were nominated by themselves or another member.

The officers are elected in the Fall semester and serve for one year. However, for the 2019 calendar year, based on the feedback from the 2018 officers and the reduced student membership, we decided to merge officer roles with Pillar Leaders. The officers for the 2018 and 2019 calendar years are as follows:

Role	2018 Fall Officers	2019 Spring Officers
President	Kelly Overturf	Karla Diaz-Corro
Vice President	James Igwe	Taslima Akter
Secretary	Isabel Messina	Joshua Vines
Treasurer	David Perez	Sharif Mahmud
Outreach Chair	Josh Baker	Role absorbed by President
Meeting Chair		Role absorbed by Secretary
Faculty Advisor	Sarah Hernandez (Assistant Professor)	

In addition to the leadership positions, the group chose to include two additional leadership positions to carry out specific goals of the group. These specific roles are referred to as "pillars" of the organization and are as follows:

1. Pillar 1: Meeting with transportation leaders, Pillar I will be chaired by a student coordinator who is not serving as an officer. The student coordinator is responsible for communicating with the officers on the status and activities of the pillar. Pillar I activities will focus on two primary areas. First, invite transportation leaders to speak at TL21 meetings. Second, travel to local, regional, and state level transportation companies, agencies, and organizations to meet with transportation leaders. A key aspect of Pillar I is to expose students to transportation and leadership topics beyond the scope of typical required undergraduate courses.

2. Pillar 2: Outreach, Pillar II will be chaired by a student coordinator who is not serving as an officer. The student coordinator is responsible for communicating with the officers on the status and activities of the pillar. Pillar II will focus on three primary areas. First, visit local K-12 schools to expose students to transportation engineering concepts. Second, attend career days for local K-12 schools, Freshman Engineering Program (FEP) Informational Department Sessions, and other related informational department sessions around campus. Third, serve as active members of the transportation community on both the UA campus and the City of Fayetteville.

Chapter activities

The ITE Student Chapter at the UA hosts several different kinds of events each year including Officer Meetings to plan and organize group events, General Meetings for all members, and student participation in regional or national events. Each are described in this section.

Officers Meetings

Officer meetings are usually held a week before the general club meetings. The officer meetings are for the officers to come together, brainstorm about future meetings and give new ideas to make the club better. The President and the Advisor would discuss what was planned for the future of the club and then the president would relay that information to the officers. The officer meetings also were to clarify and assign tasks so things such as the email announcement to the undergrad students would go out at a time that gave students enough time to RSVP for the meetings. Our goal for this year and the upcoming years are to create a more solid and organized foundation for the club.

General Meetings

For the past three years, TL21 has had a general meeting, the first year (2016) the meetings were the first Thursday of every month, the second year (2017) the general meetings have been held on the second Thursday of every month, excluding January which there was no general meeting. The third year (2018) the general meetings were held on the fourth Thursday of every month. Consistency in the meeting day/time is important for attracting students to the meetings. It also aids in coordination with other student groups such as ASCE and Chi Epsilon.

Most of the meetings were held on the UA Campus in Bell Engineering in room 1108G, with few in different rooms in Bell Engineering because of other conflicting meetings, at 5pm. The majority of the meetings included guest speakers who present on different transportation topics, while other meetings were voting for new officers, skill workshops or interview and resume workshops for the upcoming Career Fairs. Typically, emails were sent to the Civil Engineering Undergraduate list server so all Civil Engineering students would have the information of the meetings. As well as the guest speakers, TL21/ITE officers talked about upcoming external events and transportation related internship and summer job opportunities.



Starting in Fall 2017, the officers of TL21/ITE created an electronic RSVP form that was sent out with the email announcements. The RSVP form is beneficial to regulating student attendance, keeping member information, budgeting efficiently for food, and creating an easier system for club members to voice their opinion on what they are wanting from the club, i.e. more field trips, more “real world” examples, etc. With adding the RSVP forms, we started creating more colorful flyers and hanging them around the Engineering Building about a week before our club meeting. In Figure 1, there is an example of our flyer for a meeting during Fall 2018.

Figure 1 Example of Event Flyer for Fall 2018 Meeting Dates

In addition to monthly general meetings, students also attended external events. In addition, all five of the 2018 officers attended the Southern Plains Transportation Center Transportation Leaders of the 21st Century (TL-21) Regional Student Meeting at UT El Paso from February 8-10th, 2018; two members of TL21/ITE attended the Midwest and Great Lakes District Student Leadership Summit at Minneapolis from August 20th – 23rd, 2018; eight student members, including one officers, attended to the Missouri Valley Institute of Transportation Engineers (MOVITE) Fall meeting from October 3rd through 6th, 2018, in Lexana, KS (Figure 2). Each of the 2018 events are summarized below.



Figure 2 Group of Students that Participated in the 2018 MOVITE Fall Meeting

March 29th, 2018

Karla Diaz-Corro, UA ITE Student Chapter Member

Ms. Diaz-Corro has been an active member of the ITE student chapter since Fall 2016. Her presentation was focused on the involvement of students in outreach activities and providing training tools for future events and classroom visits. Ms. Diaz-Corro talked about the implementation and development of educational outreach for middle and high school girls. This project was part of her undergraduate thesis which as a primary intended application of the learning module is to provide an outreach activity for active transportation professionals and students chapters to use for “teach-ins” or other STEM outreach community events.

October 22nd, 2018

Brian Vines, HALFF Firm, Traffic Signaling

Mr. Vines met the ITE Student Chapter officers at the MOVITE Fall Meeting in Hot Springs, AR. The faculty advisor invited Mr. Vines to visit our campus and talk about his work at our October meeting. He participated as a guest speaker on an introduction to Transportation System lecture at the UA. Mr. Vines gave a fascinating presentation about traffic signalization. His presentation included many pictures of interesting traffic signal configurations and installations.

November 19th, 2018

Andy Brewer, Assistant Division Engineer – Transportation Planning & Policy, Arkansas Department of Transportation

Mrs. Brewer participated in a class presentation where students were able to make questions related to the transportation workforce and policy making. In his presentation, Mr. Brewer briefly mentioned some of the activities that he oversees such as long-range planning, project planning, policy analysis, performance management, public transportation, and traffic safety.

Student Participation in Regional Events

Midwestern ITE Annual Awards, 2018



Midwestern District Student Paper Award

This award is given annually for a significant paper prepared by a student member of the Midwestern District. The 2018 winner is **Taslina Akter**, from the University of Arkansas for “Leveraging Open-Source GIS Tools to Determine Freight Patterns from Anonymous GPS Data.”



Midwestern District Rising Star

The Rising Stars Program is intended to identify the next generation and new faces of the transportation profession and is designed to recognize members under the age of 35 who have already made an impact on the profession, have demonstrated the ability to lead the next generation, and have implemented innovative techniques to solve transportation problems.

The 2018 Midwestern District Rising Star is **Sarah Hernandez, PhD**. Since joining staff of the University of Arkansas in 2015 as an instructor and researcher, Sarah has established a robust freight transportation research program. The outcomes of her research have helped the Arkansas Department of Transportation determine solutions for topics such as truck parking and evaluating WIM auto-calibration practices. Sarah also leads STEM outreach events for middle school and high school girls, as well as serving as the faculty advisor for the University of Arkansas’ ITE Student Chapter.

Full description of awards can be found at: <http://midwestite.engr.wisc.edu/resources/awards/>

Media Recognition

Taslina Akter and Magdalena Asborn, two UA ITE student members, were recognized by the University of Arkansas in their Newswire feed for their excellent performance and participation in the student competition award directed by MOVITE. The participation of both represents a pride for the UA ITE student chapter as they reflect the primary goals of this chapter engaging with the community and contributing to the transportation sector. As we become more active, we hope that more students in our chapter feel motivated to participate in conferences, presenting their work.

Civil Engineering Graduate Students Earn Top Spots at Transportation Conference

April 11, 2018



Taslina Akter and Magdalene Asborn

Two civil engineering graduate students, Taslima Akter and Magdalene Asborn, both advised by Sarah Hernandez, were recently awarded top honors in from the Missouri Valley Section Institute of Transportation Engineers.

The Missouri Valley Section of the Institute of Transportation Engineers, also known as MOVITE, covers the states of Nebraska, Iowa, Kansas, Missouri, Oklahoma, and Arkansas. MOVITE includes traffic and transportation professionals representing public agencies, academic institutions, private industry and consulting.

Akter won first place in the 2018 Thomas J. Seburn Student Paper Competition from MOVITE. This year, the evaluation committee selected her paper, "Leveraging open-source GIS tools to determine freight activity patterns from anonymous GPS data," as the most significant contribution to transportation engineering, earning her a prize of \$1,500. The award will be presented at the 2018 fall MOVITE meeting in Lenexa, Kansas Oct. 3-5. Akter will attend the meeting and present her paper.

Akter also recently won the 2018 GIS for Transportation Symposium's Best Student Paper Award from the American Association of State Highway Transportation Officials.

Asborn's paper, "Using State Travel Demand Data for Transload Facility Location Planning," took second place at the 2018 Thomas J. Seburn Student Paper Competition at MOVITE. Her paper was presented at the 2018 Transportation Research Board's annual meeting in Washington, D.C. The paper is based on a research project carried out by a multidisciplinary team at the University of Arkansas and titled "Locating Transload Facilities to Ease Highway Congestion and Safeguard the Environment." The evaluation team selected her paper as a significant contribution to transportation engineering based on originality, significance, scope, validity and applicability.

MOVITE also awarded Asbornio the 2018 Jan Kibbe Student Scholarship. The evaluation team awards this scholarship annually. Magdalena's selection is based on her proposed program of study, career objectives and recommendations.

Micah Hale, head of the Department of Civil Engineering, praised the accomplishments of both students.

"The Department of Civil Engineering is very proud of Ms. Asbornio and Ms. Akter," Hale said. "Receiving these awards speaks highly of them and their research topics as well as Dr. Sarah Hernandez's research program."

This article was retrieved from: <https://news.uark.edu/articles/41582/civil-engineering-graduate-students-earn-top-spots-at-transportation-conference>

Student Leadership Summit, 2018

Written by Valeria Messina, Undergraduate Student



The 2018 ITE Student Leadership Summit consisted of meetings and presentations from graduate students and professionals in the field of transportation engineering at UTEP. The presentations on the graduate level were on different pavement studies at UTEP and the professional speakers focused on their technical practices like geoplastic material used to retain landfills and prevention of water contamination. We had the opportunity to tour the Center for Transportation Information Structures, which was a treat.

We interacted with 7 to 9 other chapters of ITE/TL21/ASCE students across the district to build a network to share ideas and improvements to our individual chapters. Each chapter gave a presentation on the work and success of their chapter on every campus; we had the opportunity to ask any questions and received advise from students and professors. The host campus gave us a taste of El Paso, TX which was an amazing experience

with it's beautiful landscape, culture and hospitality.

MOVITE Fall Meeting, 2018

Written by Sharif Mahmoud, PhD Candidate



Missouri Valley Section Institute of Transportation Engineers (MOVITE) Fall Meeting 2018 took place in Lenexa, Kansas from October 3 to 5. In this event, 160 transportation professionals and students from different parts of the country came together to share their knowledge and skills and thus advance the profession in the region. MOVITE president David J. Mennenga welcomed the participants while Lenexa Mayor Michael Boehmgave gave the keynote speech. The breakout sessions involved presentations on a diverse range of transportation issues like impacts of road diets with signal optimization, human driver communications during autonomous truck platooning, and connected roads. PhD candidates Taslima Akter and

Magdalena Asborn from the Freight Transportation Data Research Lab of Civil Engineering department at the University of Arkansas presented their work on freight activity patterns and commodity flow truck body classification.

This was my first participation in this event. It was fascinating to meet a large ensemble of energetic transportation professionals and know about their current initiatives and visions for the future. Some companies exhibited their state-of-the-art technologies related to traffic operations and road safety, which was exhilarating. Aside from the highly insightful technical sessions, I fondly remember the social hour at Lenexa Thompson Barn, where a handful of participants joined for dinner, trivia, and game show.

Budget Fiscal Year 2018-2019

Table 1. Budget Summary

BUDGET	2017	2018	2019	TOTAL Budget	TOTAL Expenses	Balances
Supplies	4,000.00	4,000.00	10,233.48	18,233.48	4,214.21	14,019.27
Travel	1,000.00	1,000.00	12,000.00	14,000.00	10,180.03	3,819.97
Total	5,000.00	5,000.00	22,233.48	32,233.48	14,394.24	17,839.24

Table 2. FY 2019 Budget

Date	Vendor	Travel	Supplies	Description
09/05/2018	Hotels.com	332.40		Magdalena & Karla - Hotel - MOVITE - Lenexa, KS
09/05/2018	Hotels.com	332.40		Rebecca, Taslima, Kelly - Hotel - MOVITE - Lenexa, KS
09/05/2018	Hotels.com	332.40		Sharif, Josh, Fu - Hotel - MOVITE - Lenexa, KS
10/01/2018	Rebecca Hardwick	410.40		MOVITE
10/01/2018	Nathan Parnell	410.40		MOVITE
10/01/2018	Elvis Camarena			
10/01/2018	Castillo	410.40		MOVITE
10/01/2018	Karla Diaz Corro	410.40		MOVITE
10/05/2018	Enterprise	136.86		MOVITE
10/05/2018	Enterprise	162.31		MOVITE
10/05/2018	Sharif Mahmud	61.89		MOVITE
10/05/2018	Taslima Akter	94.77		MOVITE
10/05/2018	Karla Diaz Corro	57.00		MOVITE
10/05/2018	Magdalena			
10/05/2018	Asborno	130.67		MOVITE
10/05/2018	Fu Durandal Zhang	68.96		MOVITE
10/05/2018	Rebecca Hardwick	56.33		MOVITE
10/05/2018	Kelly Overturf	57.13		MOVITE
10/05/2018	Sarah Hernandez	784.04		MOVITE
10/12/2018	Univ of OK	(100.00)		Reimburse travel
10/25/2018	Univ of OK	(400.00)		Reimburse travel
01/17/2019	Karla Diaz Corro	615.62		TRB

Table 3. FY 2018 Budget

Date	Vendor	Travel	Supplies	Description
09/14/2017	Walmart		1.08	TL 21 Student Group Meeting
09/14/2017	Walmart		10.40	TL 21 Student Group Meeting
09/14/2017	Chick-Fil-A		102.81	TL 21 Student Group Meeting
10/25/2017	Walmart		4.17	TL 21 Student Group Meeting
10/26/2017	Jimmy Johns		113.29	TL 21 Student Group Meeting
11/14/2017	Walmart		4.17	TL 21 Student Group Meeting
11/16/2017	Papa Johns		76.03	TL 21 Student Group Meeting
11/14/2017	Amazon		221.25	Engineering Pads
01/09/2018	Sarah Hernandez	1,646.07		MOVITE - Hot Springs, AR
01/09/2018	Taslina Akter	156.26		SPTC 2017 Summer Symposium
01/16/2018	Magdalena Asborno	131.54		SPTC 2017 Summer Symposium
01/17/2018	Elvis Camarena	2,185.55		TRB
02/10/2018	Johnson Baker	412.50		SPTC TL21 Student Meeting
02/10/2018	James Igwe	430.50		SPTC TL21 Student Meeting
02/10/2018	Valeria Messina	529.00		SPTC TL21 Student Meeting
02/10/2018	Kelly Overturf	438.14		SPTC TL21 Student Meeting
02/10/2018	Joshua Perez	412.50		SPTC TL21 Student Meeting
03/27/2018	Dunkin' Donuts		32.60	TL 21 Student Group Meeting
03/27/2018	Walmart		2.60	TL 21 Student Group Meeting
04/25/2018	Univ of OK	(1500.00)		Travel assistance
04/25/2018	Univ of OK		(1,000.00)	Assistance
04/01/2018	Subway		42.46	Refreshments for ITE March meeting
04/12/2018	Walmart		14.54	Refreshments for ITE April meeting
04/12/2018	Walmart		25.85	Refreshments for ITE April meeting

Student Members

Taslina Akter

Magdalena Asborno

Karla Diaz Corro

Sanjeev Bhurtyal

Fu Durandal

Madeline Giebler

Phyllis Greene

Joshua Haley

Jacob Maez

Sharif Mahmud

Jacob Murray

Aaliyah Sutherland

Upcoming Events and Goals

In addition to becoming more active, having a bigger presence on campus and our three general club meetings for the semester, the ITE Student Chapter at the University of Arkansas is also planning to include at least one outreach “training” to other student chapters per semester. This is a great opportunity for students to hone their communication skills, and practice leadership in their community. Another goal that we want to accomplish is to have for the first time a team competing in the Traffic Bowl at the Joint International/Midwestern District/Great Lakes District Meeting. We are strongly encouraged by the Arkansas ITE Chapter members to attend the District meeting and are looking forward to participating. Students and officers are excited about the opportunity to grow within ITE. Finally, we would like to address that as a student chapter, we would like to be more engaged in the activities within the ARITE chapter.

APPENDIX J

IOWA STATE UNIVERSITY CHAPTER (TSA)

2018 ANNUAL REPORT

2019 Annual Report



Transportation Student Association

TSA

Iowa State University ITE Student Chapter

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TSA Roadside Clean-Up Sign

CHAPTER HISTORY

The Transportation Student Association (TSA) is a multi-disciplinary student club, founded in 1997 with the purpose of developing a professional spirit, encouraging fellowship among members and alumni, and providing opportunities for professional networking. Students in Civil Engineering, Construction Engineering, Transportation, and Supply Chain Management with inclusiveness from freshman to Ph.D. are encouraged to join.

The Transportation Student Association had humble beginnings. A group of primarily graduate transportation students, from fields including civil engineering, community and regional planning, transportation logistics, and economics, casually met monthly for peer-to-peer sharing. This group was called the Transportation Society (TranSoc). Participation in TranSoc had dwindled to just a handful of members in the mid-1990's. In June 1997, several transportation students and faculty met to discuss the future of TranSoc. It was decided that this group needed a legitimate, professional affiliation to provide the following: 1) professional membership and career opportunities for the students, and 2) a means by which to promote the growing, inter-departmental transportation programs at ISU. The students and faculty connected with two prominent professional organizations: The Institute of Transportation Engineers (ITE) and the Intelligent Transportation Society of America (ITS/A). The newly-defined "Transportation Student Association" became the parent organization of Iowa State's ITE and ITS/A student chapters.

The 2018-2019 TSA executive board consists of five transportation engineering students: three Master's students and two doctoral students, along with two advisors. Each student leader brings a different perspective in the field of transportation including research in traffic safety, asset management, traffic simulations, and real-time data analytics, as well as work experience for recognized and notable companies and agencies as the Iowa DOT, and HDR Inc. This year's TSA executive board prides themselves on their passion and cohesiveness as they all began their graduate careers in the same cohort at Iowa State University as first active members of TSA. They each have been driven in serving the ISU engineering study body since the beginning through volunteer outreach events, technical, academic, and career development seminars and workshops, and attending conference and field trips across the midwestern region.

EXECUTIVE BOARD



TSA Executive Board Members (left to right): Archana Venkatachalapathy (Treasurer), Bryce Hallmark (Social Chair), Brianna Lawton (Vice President), Hitesh Chawla (President), and Chao Zhou (Membership Chair)

The 2018-2019 Transportation Student Association (TSA) Executive Board is comprised of five transportation engineering graduate students, including three Master's students and two doctoral students. Each student leader brings a different perspective in the field of transportation, including interests in traffic safety, asset management, and urban planning. Learn more about each executive board member in the following pages.

The organization also has two academic advisers, pictured directly below: Dr. Jing Dong and Dr. Anuj Sharma. Each provides unique expertise in ITE and ITS/A industries based on their groundbreaking research and knowledge in their respective fields of transportation engineering.

Executive Board 2018-2019

President – Hitesh Chawla

Vice President – Brianna Lawton

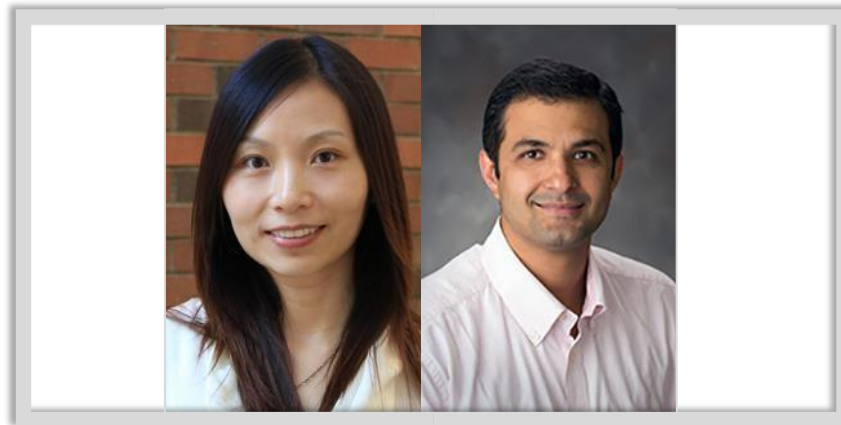
Treasurer – Archana V

Recruitment Chair – Chao Zhou

Social Chair – Bryce Hallmark

Advisors:

Dr. Jing Dong
Dr. Anuj Sharma



TSA Faculty Advisors (left to right): Jing Dong and Anuj Sharma

Meet Our 2018-2019 Officers

Hitesh Chawla

President



Hitesh Chawla is a Masters student in Transportation Engineering. He received his Bachelors of Technology (B.Tech) from Indian Institute of Technology Roorkee (IIT Roorkee), India in May 2017 and then moved to U.S. to pursue Masters at Iowa State University. While studying at IIT Roorkee, he developed his interest in Transportation Engineering and went on to have two research internships in the same field. Hitesh believes in team spirit and never backs down from a task given to him. He wants to make an effective contribution in TSA and looks forward to working together with other TSA members.

Brianna Lawton*Vice President/ Secretary*

Brianna Lawton is a Civil Engineering, PhD student with a focus in Transportation Engineering at Iowa State University (ISU). Ms. Lawton received her Bachelor of Science degree in Civil Engineering from Morgan State University, where she served as President and charter member of the first recorded historically black college and university (HBCU) chapter of Chi Epsilon, the national Civil Engineering Honor Society. Ms. Lawton is also an inducted member of Tau Beta Pi, the national Engineering Honor Society, where she served as outreach community service coordinator.

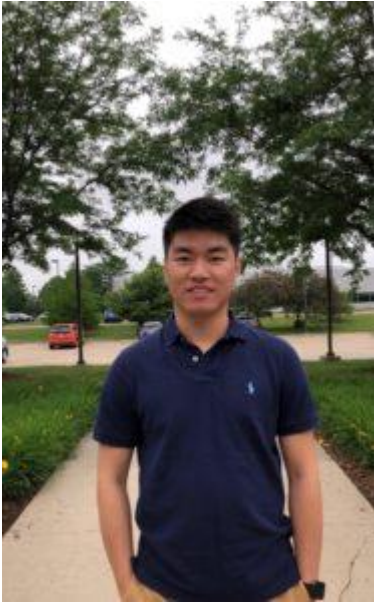
As an undergraduate, she gained experience working for industry companies and organizations like HDR Inc. and First Transit, along with conducting geotechnical-transportation research. Currently, Ms. Lawton is working for the Institute of Transportation, where she studies methods of mitigating crash incidents along rural intersections through various safety countermeasures.

Being an outgoing individual, she is eager to learn and assume more challenges this year as Vice President of the Transportation Student Association at ISU. Ms. Lawton's goals are to increase awareness and membership of the organization through collaborative events with other STEM organizations on campus and off campus associations, while also aiming to diversify membership.

Go Cyclones!

Archana Venkatachalapathy*Treasurer*

Archana Venkatachalapathy is a master's student at Iowa State specializing in Intelligent Infrastructure Engineering. Hailing from India, where a population of over a billion means that the only way you escape traffic is by magic, she is interested in applying magic of a different sort – Algorithms to both design and develop robust traffic signals. She is detail oriented and extremely organized making her an invaluable asset to the team . Owing to her experience serving as the junior prefect and as the Training and Placement Secretary whilst as an undergrad back home she is encouraged to hone the role of Treasurer of TSA. She admits that all her life, she has been as tight as the bark on a tree making her the most obvious choice to manage TSA's funds. She looks forward to another successful year with her significant contribution at TSA!

Chao Zhou*Recruitment Chair*

Chao Zhou is an Engineer-In-Training (E.I.T.) and a master student in Transportation Engineering with expected completion in May 2019. Chao received his Bachelor of Science (B.S.) with great distinction in Civil Engineering from Iowa State University in May 2017. During his undergraduate years, Chao's interest in transportation engineering had grown sharply when he got exposed to highway safety design and operation subjects. Currently, he is a Graduate Research Assistant at the Institute for Transportation, mainly working on traffic safety studies. As a recruitment chair, Chao's goal is to collaborate with all members to make TSA a vibrant student organization.

Bryce Hallmark

Social Chair/ESC Representative



Bryce Hallmark is a Masters student in working with Dr. Dong. He is from Ankeny, Iowa and also received his Bachelor's in Civil Engineering from Iowa State. His research work centers around winter weather effects. He previously was progressing towards a specialization in civil for asphalt materials until he discovered his passion for transportation systems. He is currently serving as the Social Chair for the TSA group.

MEETING SUMMARIES

Executive Board Meetings – Summer, Fall, and Spring Semesters

The Executive Board members met on a weekly basis during the course of the academic year, starting immediately after being elected. This allowed for events, workshops, and volunteer opportunities to be planned well in advance, which was a significant change for the organization and helped to facilitate more active participation by all chapter members. This also allowed for more effective planning, resource allocation, and coordination with the Iowa State University (ISU) Department of Civil, Construction, and Environmental Engineering (CCEE), in addition to providing further opportunities to promote TSA events at other organizational meetings.

Engineering Student Council Meetings – Fall and Spring Semesters

At the start of each month during the academic year, the ISU Engineering Student Council (ESC) conducted meetings with all of the ISU CCEE Department student organizations. The purpose of these meetings was to provide useful materials and resources to the engineering-focused organizations and facilitate a discussion of best practices between chapters. At each meeting, different student chapters were asked to provide a brief presentation focused on an event they hosted for their students and how this process was completed from start to finish. The intent of these presentations was to inspire other student chapters with ideas as to how similar initiatives could be conducted within their own respective organizations. Being a part of the ISU CCEE Department, TSA sent one Executive Board member to each of these monthly meetings to learn about the activities that other student organizations host during the school year.

Spring TSA & ICITE Joint Meeting and Game Night – Monday, April 30th

Every semester, TSA hosts a joint meeting with ICITE (Iowa Central Chapter of Institute of Transportation Engineers) to strengthen social ties with the professional-based ITE organization. The spring joint meeting took place in late April this year. The meeting started with electing the new committee members for the coming year. A small game session was hosted to relax and play games with the members of TSA for completing another successful semester as an organization. Later, members of ICITE joined the meeting and two TSA members presented their research work from recently finished projects, including Georges Bou-Saab and Ahmed Albughdadi. This was followed by few questions and discussion with the audience and then members of TSA and ICITE headed over to a local restaurant to network with each other, thereby reuniting both past and present members of TSA in a social setting.



Spring TSA & ICITE Joint Meeting and Game Night

Fall Kickoff – Monday, September 10th

The first meeting of the fall semester had twenty-five people to meet and greet, including many new people who recently joined the Iowa State University in the fall semester. A brief introduction about TSA and ITE was given by the executive board members, focusing on the activities that were planned to take place during the fall semester. The presentation was then followed by some icebreaker activities and food to get people to know each other.



TSA Fall Kickoff Meeting

Task Force Planning – Thursday, September 27th

Following the same trend as last year, the executive board members decided to have student-focused events. All members were asked to participate in at-least one “Task Force” to come up with a plan to carry out the desired event. This was done so as to make sure that all the members are actively involved in varied activities within the organization. Each “Task Force” consisted of one board member and several TSA members whose purpose was to come up with the location, date, time, materials required and approximate budget required to carry out the event. All the plans were then discussed jointly with all the TSA members and the plans were finalized.

National Advanced Driving Simulator (NADS) Tour, University of Iowa – Friday, September 28th

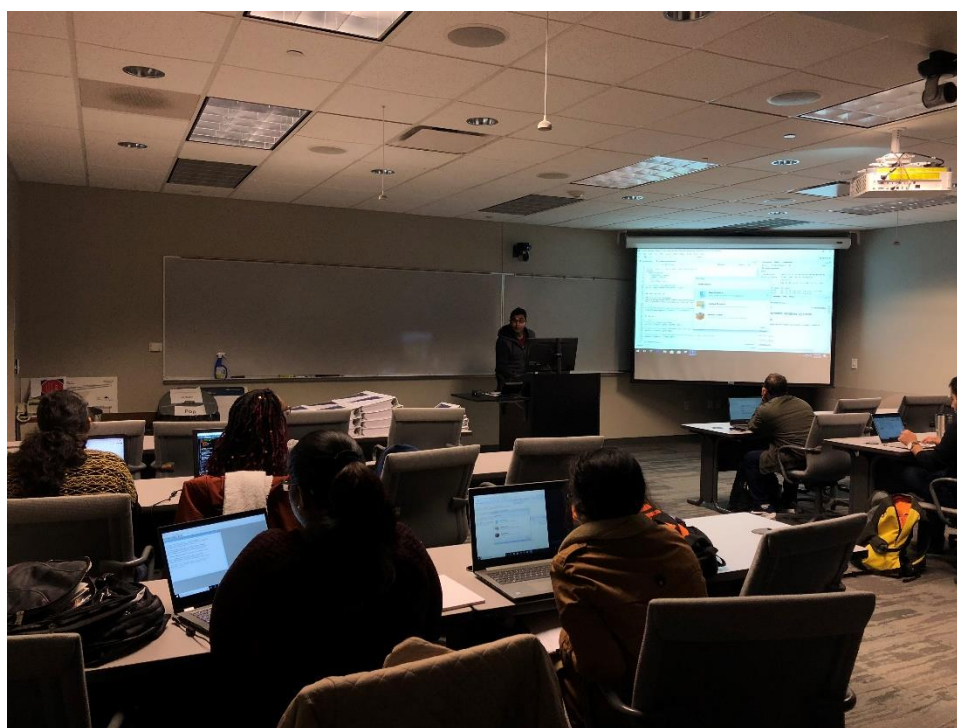
With an increase in interest after having NADS Director, Dr. Daniel McGehee, as a speaker during the spring 2017 Graduate Student Seminar, TSA members visited the National Advanced Driving Simulator at the University of Iowa in Iowa City, Iowa. TSA members learned about the nation's largest and first simulator of its kind anywhere in the world! Funded by government and industry, NADS utilizes its suite of world-class driving simulators and instrumented on-road vehicles to conduct research studies for both private and public sectors. Members were able to test-drive the facilities’ miniature simulator, view the inside of the world-renowned simulator, and sit behind the wheel of vehicles used for testing-- with one being the new 2018 Tesla model.



TSA members at NADS Laboratory at the University of Iowa

R Workshop Event 1 – Saturday, October 20th

At the request of several TSA members, a series of informative, hands-on technical sessions were scheduled during this fall semester, including a multi-day R workshop that was conducted by Ashirwad Barnwal, a second-year Ph.D. student in the Department of Civil, Construction, and Environmental Engineering (CCEE) at Iowa State University. He graduated with a master's degree in civil engineering in the summer of 2017 and later joined the research group of Dr. Anuj Sharma to work in the area of transportation data analytics. Barnwal has been using R as his primary data analysis tool for more than two years. Along the way, he has completed numerous certifications on R from e-learning platforms such as LinkedIn Learning and DataCamp to hone his skills. The session started with introductory material about R syntax and conditionals, talking about the basic mathematical functions in R, vectors and matrices and how to load different packages in R. He also talked about data manipulation using commands such as “Select”, “Filter” and “Arrange”.



TSA members in R Workshop

Speaker Event – Wednesday, October 24th

The first speaker event of the fall semester was by Joel Wright, President and CEO of Mobotrex. Mobotrex is a 200-person company which produces everything from traffic signals to intersection control cabinets and monitoring systems to pedestrian crossings and much more and is headquartered in Davenport, Iowa. Joel presented on “Advancing Connected Vehicle Technology in Iowa and Beyond”. He talked about the different technologies that his company has been working on in Iowa and the

implementation of those techniques. TSA faculty advisor, Dr. Anuj Sharma was also present during the event and gave an introduction about the project that he had been working on with Mobotrex. The session concluded with few people from the audience asking questions about the same.

R Workshop Event 2 – Saturday, November 3rd

This workshop was the second event hosted by Barnwal on the application of R within a transportation context. The event was requested by TSA members along with outside student attendees with interests in transportation, computer science, and statistics alike. This was a continuation of the first workshop event, which was conducted two weeks prior. It focused on data visualization, importing files, creating graphs such as scatter plots, bar charts, line charts and histograms and how to enhance these plots.

TSA and ICITE Joint Meeting – Tuesday, November 13th

As mentioned earlier, TSA hosts a joint meeting every semester with ICITE to strengthen social ties with the professional-based ITE organization. Last fall, TSA decided to do it differently and more socially by inviting TSA and ICITE members for a game of bowling. The event was joined by many TSA members. In addition to that, John Davis, Chair of ITE Midwestern District Student Activities Committee and MWITE Collegiate Traffic Bowl Committee, visited Iowa State University on the same day to present the winner's plaque and trophy plate to the winners of the Midwestern traffic bowl held in Minneapolis in August. He also gave a small presentation about the updates on International ITE's recent happenings and future plans.



Winners of Midwestern Traffic Bowl with John Davis



TSA and ICITE Fall Joint Meeting

Fall Game Night – Friday, December 7th

At the end of each semester, TSA hosts a game night to relax and relieve the pressure of final exams for TSA members. The new members of TSA were introduced to the Traffic Bowl competition to encourage them to participate in the coming year. The meeting was finally concluded by playing few games such as Bingo and Pictionary and few more.



TSA Fall Game Night

Upcoming Spring Semester Events (February - May)

- Technical Speaker Presentation
- Tableau Workshop 1
- Tableau Workshop 2
- Technical Speaker Presentation
- High School Safe Driving Event Volunteering
- Spring TSA and ICITE Joint Meeting
- Spring Roadside Clean Up Event
- Spring Game Night

OUTREACH AND SOCIAL EVENTS

High-School Safe Driving Event – Wednesday, April 11th

TSA, along with ICITE, organized a safe driving event for the students of Lincoln High School in Des Moines, Iowa. Around 100 students from 5 different classes participated in the event in 3 different sessions. The event started with an introduction about the unsafe and distracted driving practices, followed by an activity organized by the members. The members created two different types of system, a four-way stop controlled intersection and a roundabout. The students were then asked to go through both of these systems assuming as if they were a vehicle and safely maneuver both the systems. Finally, they were asked which type of system they thought was more efficient in saving time and reducing the chances of accidents, to which everyone replied saying “Roundabout”.



TSA members with students of Lincoln High School, Des Moines, Iowa

Adopt-A-Highway Fall Roadside Clean-Up Event – Saturday, October 6th

TSA members met along the roadside of County Road R38 in Iowa to volunteer their time under the Story County Adopt-A-Highway Program. This partnership with the chief Story County engineer allowed TSA members to volunteer their time to make Iowa a more beautiful place. Along this two mile stretch of country roadway, TSA members removed discarded trash and non-decomposable materials from the shoulder and roadside right-of-way for the County Engineer in exchange for a sign which recognizes their service. This is completed on a biannual basis and provides an excellent opportunity to give back to the community through an act of service.



TSA members after cleaning the roadside during the Fall Roadside Clean-Up Event

Transportation Research Board ITE Annual Open House Reception – Monday, January 14th

The Institute of Transportation Engineers (ITE) hosted an open house reception at ITE headquarters during the TRB Annual Meeting in Washington, DC. This provided an opportunity for the TSA members to meet other students from other chapters as well as network with various leaders from ITE. TSA members got a chance to talk to Bruce Belmore, the newly elected ITE International President, about the new emerging technologies in the industry. He also congratulated the organization for winning the Midwestern Traffic Bowl that happened in Minneapolis last August.



TSA members at the TRB Annual Meeting ITE Annual Open House Reception in Washington, DC

RECRUITING EFFORTS

Civil, Construction, and Environmental Engineering Fall Picnic – Wednesday, August 29th

ISU Fall ClubFest -- Wednesday, September 5th

The annual CCEE Fall picnic provides a great opportunity for student organizations to showcase their planned activities and recruit interested students. TSA participated in this event and hosted a booth to show our passion for transportation. During the event, TSA brought a poster introducing the career overview of transportation related jobs as well as the objectives of TSA as a student organization. Interested undergraduate and graduate students were also provided with flyers with all the planned activities listed. TSA also hosted a booth in the Fall ClubFest where a sample from all university clubs and organizations are able to highlight their clubs and attract new members.



TSA members at the Iowa State University Civil, Construction, and Environmental Engineering Fall Picnic

Social Media - Summer, Fall, and Spring Semesters

TSA maintained a strong connection with members, alumni, and other ITE student chapters through multiple social media platforms, which includes Facebook, Twitter, and TSA student organization websites. On these platforms, TSA posted the upcoming events and event highlights and interacted with members. In addition, the TSA mailing list has been a significant media to remind members and individuals of upcoming events. Posters were also located on entryways and stairwells of the CCEE department building before the events to keep everyone updated about future events.



TSA - ISU ITE @CycloneTSA · 6 Oct 2018

TSA is keeping our community clean. Great job and thank you everyone for participating the Roadside Cleanup Event! 🧹👍



TSA tweet about roadside cleanup event

TSA Speaker Event

**Advancing Connected Vehicle
Technology in Iowa and Beyond**

**Wednesday, October 24th, 2018
5:00 PM – 6:00 PM**

**Town Engineering Building
Room 0250**

If you would like to sign-up to receive
updates/information about our upcoming events,
please e-mail us at (tsa.cyclones@gmail.com)

The Transportation Student Association (TSA) is a multi-disciplinary student club, founded in 1997 with the purpose of developing a professional spirit, encouraging fellowship among members and alumni, and providing opportunities for professional networking. Students in Civil Engineering, Construction Engineering, Transportation, and Supply Chain Management from freshman to Ph.D. are encouraged to join.



TSA
Transportation Student
Association

Event Details:

Presenter: Joel Wright,
President & CEO of Mobotrex



Food will be provided.

Contact Information

@CycloneTSA
ISU Transportation Student
Association
Email:
tsa.cyclones@gmail.com
to learn how to be added to
the mailing list

TSA speaker event flyer

FUNDRAISING EFFORTS

Membership Dues and Awarded Funds

Each semester, \$10 is collected from every TSA member. This helps to offset the cost of meetings as every meeting has food provided. Prize money from awards allows TSA to cover important expenses like food, printing flyers, and supplies for outreach activities. These resources are critically important to recruitment efforts.

Engineering Student Council

Each semester, the ISU ESC allows engineering student organizations to make a presentation for funding based on their activities of interest. TSA has traditionally received about \$1,000 - \$2,000 from the College of Engineering per semester to help fund student travel to the Transportation Research Board Annual Meeting, ITE Midwestern Student Leadership Meeting and other outreach activities. Supplementary support for students has also been provided by the faculty advisors.

CONFERENCES

Student Leadership Summit – Twin Cities, Minnesota (August 17th – August 19th)

The Institute of Transportation Engineers (ITE) organizes the Student Leadership Summit (SLS) every year in which students from transportation student organizations from various universities come together to interact with each other and with leaders of different organization in the industry. SLS focuses on connecting students to specific leadership competencies through workshops, reflections, and keynote speakers. As part of the experience, students get connected to future leadership development opportunities and resources on campus. This year, University of Minnesota hosted the SLS from August 17 to August 19.

The event started with the Midwestern District Collegiate Traffic Bowl on August 17th in which eight universities participated including Iowa State University. After having few buzzer round competitions and qualifying to the finals, Iowa State University became the Midwestern Champion of the Traffic Bowl after three years. The chapter was awarded with \$1000 prize money and a trophy. The team then moved on to compete at the national level with the other winners of their respective districts. Next day, the members attended few lecture sessions and workshops (VISSIM, Data Visualization, and GIS) to enhance their capabilities. On the final day of the summit, the members were divided into groups and taken on three different tours (Minneapolis-St. Paul International Airport Tour, Metro Light Rail Tour, and Nice Ride Bike Tour) based on their preference. The summit ended with a banquet.



TSA members after winning the Midwestern Traffic Bowl at the University of Minnesota

ITE Annual Meeting and Exhibit – Twin Cities, Minnesota (August 20 – August 23rd)

The Institute of Transportation Engineers (ITE) organizes the ITE Annual Meeting and Exhibit every year for presentations regarding present and future aspects of transportation. TSA members moved on to the international grand championship of Traffic Bowl after winning the Midwestern District Traffic Bowl. A total of 9 district winners were represented in the championship; unfortunately, Iowa State University did not win. Two members of TSA, namely, Megat Usamah Megat-Johari and Justin Cyr were awarded the 2018 HSIS Highway Safety Data Award Competition for their research on traffic safety.

Transportation Research Board Annual Meeting – Washington, DC (January 14 – January 16)

The largest event of the year for TSA was the 98th TRB Annual Meeting held in Washington, DC. While at this meeting, numerous TSA members presented their research to transportation professionals from all over the world. This year posed some logistical challenges as D.C. was hit by a major snow storm the days leading up to the conference. This just added to the fun during the conference as participants got to take in the sights of D.C. covered in snow. TSA members were funded through the ISU ESC in order to participate in these events. While at the meeting, student members presented a variety of transportation and construction-based posters. The faculty members of TSA also attended the TRB Annual Meeting and presented their research as well.

CCEE Graduate Student Poster Competition – Ames, Iowa (January 24)

The 8th Annual Graduate Student Poster Competition for the CCEE Department at ISU was held in Howe Atrium on campus. The purpose of this event was for both undergraduate and graduate students to present their research to faculty and industry professionals in a competitive format. At the conclusion of the event, TSA member Georges Bou Saab won first place in the Transportation Engineering group.

Appendix A: Member List

	First Name	Last Name	Email Id:
1	Ahmed	Ismail	hamadage@iastate.edu
2	Ahmed	Albughdadi	bughdadi@iastate.edu
3	Ali	Nahvi	alinahvi@iastate.edu
4	Amin	Daghighi	daghighi@iastate.edu
5	Amrita	Goswamy	agoswamy@iastate.edu
6	Archana	Venkatachalapathy	archanav@iastate.edu
7	Ashirwad	Barnwal	ashirwad@iastate.edu
8	Ayoub	Kazemiyan-Zadeh	kazemiya@iastate.edu
9	Bahareh	Bazargani	baharb@iastate.edu
10	Brendon	Gardner	bgardner@iastate.edu
11	Brianna	Lawton	brlaw17@iastate.edu
12	Bryce	Hallmark	bryceh@iastate.edu
13	Celso	Santos	cmsantos@iastate.edu
14	Chao	Zhou	czhou@iastate.edu
15	Ching Wen	Chen	sandychen718candy@gmail.com
16	Daniel	Pulio	dwpulio@iastate.edu
17	Fatemeh	Khalilzadeh	fatemekh@iastate.edu
18	Georges	Bou-Saab	gbousaab@iastate.edu
19	Harshit	Kaura	harshitk@iastate.edu
20	Harshit	Shah	hkshah@iastate.edu
21	Hitesh	Chawla	hchawla@iastate.edu
22	Hosseini	Naraghi	hnaraghi@iastate.edu
23	Jacob	Warner	jrwarn@iastate.edu
24	James	Lydon	jplydon@iastate.edu
25	Jonathan	Main	jtmain@iastate.edu
26	Justin	Cyr	jcy@iastate.edu
27	Lin	Qi	qilin@iastate.edu
28	Madeline	Adkins	maadkins@iastate.edu
29	Matthew	Bishop	mattbish@iastate.edu
30	Mo	Zhao	mozhao@iastate.edu
31	Muthumari	Anbumani	anbumani@iastate.edu
32	Neal	Daniels	ndaniels@iastate.edu
33	Nicole	Oneyear	noneyear@iastate.edu
45	Niloy	Toushik Ahmed	mniloy@iastate.edu
34	Nima	Safaei	nsafaei@iastate.edu
35	Patricia	Thompson	pthomp@iastate.edu
36	Pradeep	Mamidela-Venkat	mvpk@iastate.edu
37	Pranamesh	Chakraborty	pranames@iastate.edu

38	Raju	Thapa	rthapa@iastate.edu
39	Rohit	Ghosh	rghosh@iastate.edu
40	Smrithi	Ajit	sajit@iastate.edu
41	Xingwei	Weng	wxw@iastate.edu
42	Yazan	Abukhalil	yazan@iastate.edu
43	Yu	Tian	tian@iastate.edu
44	Zahra	Khalilzadeh	zahrakh@iastate.edu

Appendix B: Awards

Concrete Repair Institute Scholarship (ICRI)

Amir Malakooti, August, 2019

ITE Midwestern Collegiate Traffic Bowl Competition – 1st Place

Ashirwad Barnwal, Justin Cyr, Jacob Warner

Missouri Valley Section ITE Student Chapter Award – 1st Place

Midwestern ITE Student Chapter Award – 1st Place

Excellence in Highway Safety Data Award Competition – 1st Place

Justin Cyr, August 21, 2019

CCEE Graduate Student Poster Competition – Transportation group 1st place

Georges Bou Saab, January 24, 2019

Transportation Forecasting Competition at TRB 2019 – 5th Place (among 35 teams)

Iowa State Reactor Lab Students (Archana Venkatachalapathy, Pranamesh Chakraborty, Subhadipto Poddar, Tongge Huang, Shuo Wang) led by advisor Dr. Anuj Sharma

Appendix C: Presentations

Lectern Presentations

Graduate Student Research Series

Ahmed Albughdadi, “Characteristics of decommissioned Bridges”

Zahra Khalilzadeh, “Towing and its impact on speed and capacity”

Brianna Lawton, “Evaluating the Relationship between the Driver and Roadway to Address Rural Intersection Safety using the SHRP2 NDS Data (Phase II)”

Bahar Bazargani, “Pavement Data Quality Assurance”

Justin Cyr, “Motor Vehicle Crashes Involving Railroad Crossing Signal Masts and Guardrails”

Jacob Warner, “Evaluation of Speed Limit Policy Impacts on Iowa Highways”

TRB Presentations

"Motor Vehicle Crashes Involving Railroad Crossing Signal Masts and Guardrails"

Justin Cyr, January 14, 2019

"An Analysis of Rural Interstate Fatality Rates in Consideration of Recent Increases in Maximum Statutory Speed Limits"

Jacob Warnder, January 14, 2019

"A tile-based Image Processing Method Based on Crack Density for Detection and Classification of Pavement Cracks"

Nima Safaei, January 16, 2019

"Winter Weather Maintenance Operations and Traffic Safety Implications"

Bryce Hallmark, January 14, 2019

"Effect of Electrode Geometry and Size on Heating Performance of Electrically Conductive Concrete"

Amir Malakooti, January 14, 2019

"Contrasting Crash and Non-Crash Involved Riders: An Analysis of Data from the Motorcycle Crash Causation Study"

Hitesh Chawla, January 15, 2019

"Crash Risk and Access Spacing on Two-Lane and Multi-Lane Highways"

Hitesh Chawla, January 14, 2019

"A Rubric driven evaluation of open data portals and their data in transportation"

Archana Venkatachalapathy, January 14, 2019



APPENDIX K

UNIVERSITY OF KANSAS CHAPTER

2018 ANNUAL REPORT



INSTITUTE OF TRANSPORTATION ENGINEERS

KU Student Chapter

2018-2019

Annual Report

Date: 02/01/2019

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Introduction

The University of Kansas student chapter of the Institute of Transportation Engineers (KUI TE) was quite active this year with activities ranging from professional development to educational forums. In order to advance their professional development, our members attended the 98th Annual Meeting of the Transportation Research Board (TRB), the 2018 Midwest/Great Lakes ITE Student Leadership Summit and Traffic Bowl, and the fall MOVITE meeting. There they had the opportunity to network with fellow ITE students and industry experts. In addition, the ITE student chapter promoted knowledge of different areas of transportation by inviting speakers on topics including highway safety, careers in transportation, smart cities, and ITS. The report provides detail into the organizational structure of the KUI TE including student membership information, chapter activities, and a budget summary.

ITE History

The University of Kansas ITE Student Chapter was organized in 1974. The chapter became dormant in the early 2000s but it has been active again since May 21, 2007, when a group of students teamed up together with the objective of reviving the chapter and connecting students to the transportation engineering community. In re-establishing the chapter and gaining recognition from the University, the team faced several challenges. However, by the end of the 2007-2008 academic year, the membership had risen to over 30 students. In the 2018-2019 academic year the chapter remained strong and active, and members were encouraged to join and actively participate in the MOVITE and the Kansas City ITE Chapter to get the opportunity to network with other professionals.

ITE Student Chapter Officers

Faculty Advisors

ITE Advisor Dr. Steven D. Schrock, Professor

2018-2019 Chapter Officers

President	Vishal Kummetha
Vice-President	Mohamadamin Asgharzadeh
Secretary	Akshay Patel
Treasurer	Logan Yanisch
Social Chair	Nolan Hicks

University of Kansas ITE Chapter Activities

General Meetings

During the past academic year, the KUIITE student chapter held monthly general meetings where guest speakers from transportation-related fields delivered a presentation and had an interacting session with the students. This year, our chapter also hosted a joint meeting with KCITE. Our meetings range in attendance from 20 to 35 students and faculty. This year our speakers were:

Speakers	Topic	Date
Benjamin Ware, Kansas Department of Transportation	Design Concept Analysis Using the Highway Safety Manual	March 30, 2018
Janelle Clayton, President, Merge Midwest Engineering	A Career in Traffic Engineering-What Does That Look Like?	September 28, 2018
Bob Bennett, Chief Innovation Officer, KCMO	Kansas City MO: America's First Truly 21 st Century City of Kansas City	October 26, 2018
Kwaku Boakye, Transportation Engineer, Arcadis Design & Consultancy	The Small Beginnings: Lessons Learned in The Transportation Industry	November 20, 2018

Scheduled future speakers are listed below:

Speakers	Topic	Date
Tim Sylvester, CEO and CTO, Integrated Roadways	To be decided	February 22, 2019
Lesley Abnos-Monarres, Graduate Engineer, City of Kansas City, MO	To be decided	March 29, 2019



Figure 1: The March 30, 2018 meeting with Benjamin Ware



Figure 2: The September 28, 2018 meeting with Janelle Clayton



Figure 3: The October 26, 2018 meeting with Bob Bennett



Figure 4: The November 20, 2018 meeting with Kwaku Boakye

Career Development Activities

ITS Heartland Annual Meeting, Lincoln, Nebraska (April 23, 2018)

The KUI TE 2016-2017 President-Hemin Mohammed attended the ITS heartland annual meeting in Lincoln, Nebraska. His poster on “Safety Evaluation of Horizontal Curves on Driver Injury Severity” received the first-place award (Figure 5).



Figure 5: Hemin Mohammed receiving the award (right)

Student Leadership Summit-University of Minnesota in Minneapolis, Minnesota (August 17-19, 2018)

Each year our ITE students attend the midwestern collegiate traffic bowl. This year five students from the University of Kansas attended the student leadership summit from August 17 to 19, 2018 in Minneapolis, MN. Due to the timing of the traffic bowl and age restrictions, only two of our students competed in the District Traffic Bowl. Our team was fortunate enough to make the second round of the competition.



Figure 6: Midwestern traffic bowl competition



Figure 7: 2018 KU traffic bowl team (Vishal Kummetha-left and Tobi Imam-right)

MOVITE Annual Fall Meeting, Lenexa, Kansas (October 3-5, 2018)

KUITE students and faculty were excited to participate in the MOVITE annual fall meeting hosted in Lenexa, KS. The students worked as volunteer panel moderators and two also presented their research work during the poster session (Figure 9).



Figure 8: MOVITE meeting in Lenexa, KS

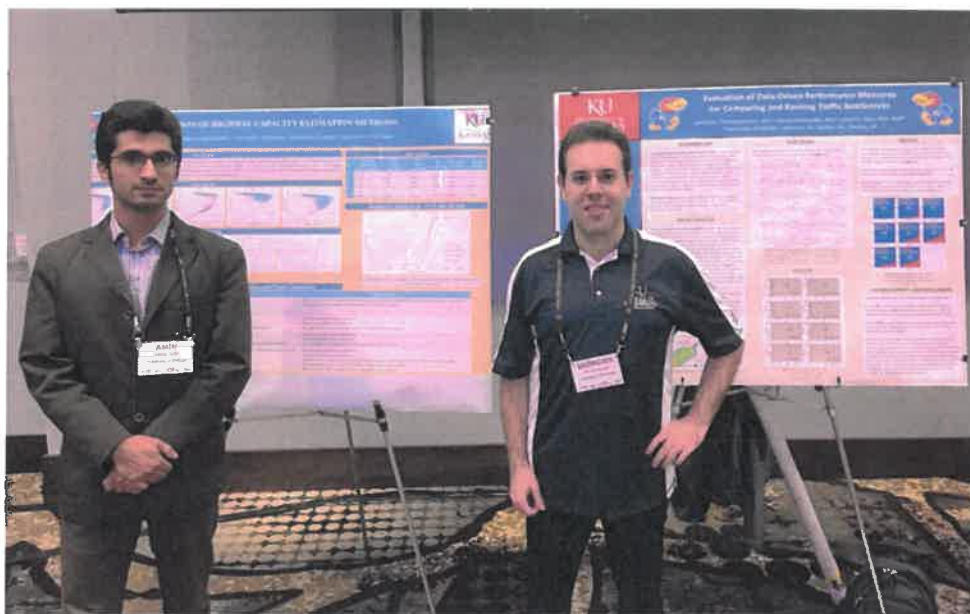


Figure 9: MOVITE meeting poster presentation by KUITE Vice President (left) and 2017-2018 President (right)

**98th Annual Transportation Research Board Meeting, Washington, District of Columbia
(January 13-17, 2019)**



Figure 10: KU students attending the 98th TRB conference (ten KUI TE student chapter members)

One of the KU ITE Student Chapter's priorities is student participation in conferences. Each year ITE students attend the Transportation Research Board meeting in Washington, D.C. This year fourteen ITE students from the University of Kansas attended the conference and gained valuable experience and knowledge, while two presented posters of research papers they had co-authored. The students had a wide variety of experiences in Washington. For those who had attended the conference before, it was an opportunity to update themselves on the latest research in their areas of interest. For those who had never attended, it was a great opportunity to learn about aspects of transportation. For everyone, it was a great opportunity to network with

professionals from the transportation industry, interact with new/upcoming technologies (Figure 14), and meet students from various other universities.

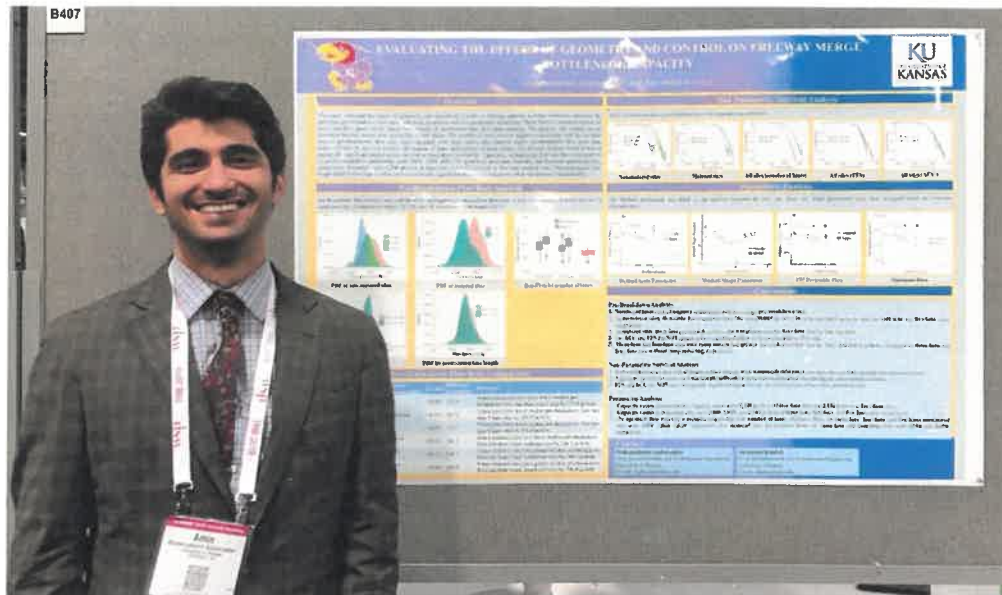


Figure 11: Mohamadamin Asgharzadeh (Vice President KUIITE) presenting a poster at TRB



Figure 12: Dr. Alexandra Kondyli (Faculty Member of KUIITE) presenting a poster at TRB

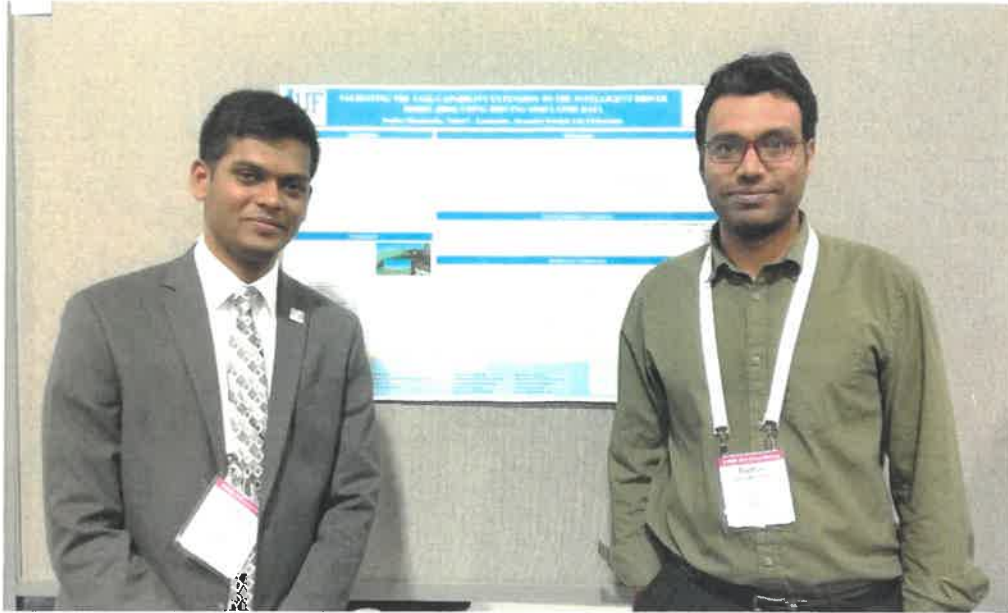


Figure 13: Collaborative poster between KU (Vishal Kummetha-President KUIITE, left) and the University of Florida at TRB

As members of the KUIITE student chapter, we were privileged to be given the opportunity to attend TRB and interact with emerging technologies while understanding their limitations and challenges. Figure 14 shows the autonomous bus ready for passenger pickup (and yes, a few members did get to ride in it!)



Figure 14: Autonomous bus traversing the conference hall at TRB

Outreach Activities

Engineering Expo 2018 (March 2-3, 2018)

Our chapter participated for the first time in this year's Engineering Expo at the University of Kansas, where we hosted Transportation-related activities for middle-school students. The members designed and organized a miniature setup of a vehicle actuated traffic signal. Students were excited to operate their mini vehicles across the intersection while understanding the basic concepts of an actuated traffic signal. A full-size traffic signal cabinet was also present to demonstrate how traffic signals are controlled at a four-way intersection. Figures 15 and 16 show the functioning traffic signal and cabinet.



Figure 15: Actuated traffic signal

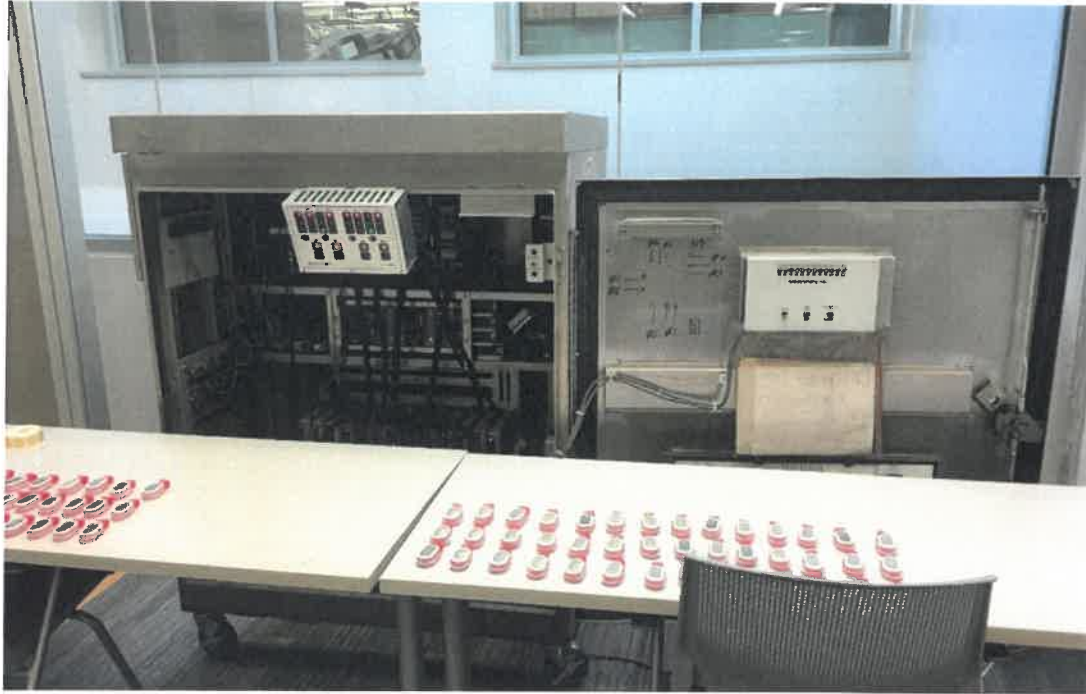


Figure 16: Full-size traffic signal cabinet

KUITE Outreach Meeting (April 27, 2018)

The student chapter officers organized a barbeque event that discussed a few events that the KUIITE attends annually. Emphasis was placed in promoting the student leadership summit and ITE collegiate traffic bowl competition in Minneapolis, MN. Attendees were familiarized with the funding options available for travel and accommodation. A small traffic bowl competition was held amongst the attendees of the meeting, to showcase the rules and register any potential participants.

University of Kansas ITE Student Chapter Membership

	Names	Degree
1	Aaron Roberts	Undergrad
2	Abdulkadar Alsabwy	Grad
3	Abdalmajeed Alsharari	Grad
4	Adam Van Hal	Undergrad
5	Adeyoyin Imam	Undergrad
6	Agustin Guerra	Grad
7	Akshay Patel	Grad
8	Akshit Ahuja	Grad
9	Amandup S. Bajwa	Grad
10	Amin Asgharzadah	Grad
11	Auston Jacobson	Grad
12	Benjamin Bryant	Undergrad
13	Bujinlkham Galbadrakh	Undergrad
14	Caden Been	Undergrad
15	Caleb morandy	Undergrad
16	Camelle Curley	Undergrad
17	Caroline Gatti	Undergrad
18	Chase Breckwoldt	Undergrad
19	Chris Stoddard	Undergrad
20	David Aguilar	Undergrad
21	Delaney Snyder	Undergrad
22	Edward De	Undergrad
23	Edward Rebbdezes	Undergrad
24	Emmanuel Moreno	Undergrad
25	Erica Lindstrom	Undergrad
26	Eslam elattar	Undergrad
27	Georgios Chrysikopoulos	Grad
28	Grace Roth	Undergrad
29	Grant Campbell	Undergrad
30	Hanna Sihamaya	Undergrad
31	Hayder Alsalih	Grad
32	Hemin Mohammad	Grad
33	Irtiza Rafid Khan	Grad
34	Jack Devries	Undergrad
35	Jacob Carnahan	Undergrad
36	Jake Hansen	Undergrad
37	Jarrold Widmer	Undergrad
38	Jennifer Cambell	Undergrad
39	Jessica Diehm	Undergrad
40	Joe Vincent	Undergrad
41	Joseph Alani	Undergrad
42	John Devris	Undergrad
43	Jon Corkins	Undergrad
44	Kyle Wieber	Undergrad
45	Lance Erickson	Undergrad
46	Lei Cai	Undergrad
47	Logan Bannister	Undergrad
48	Logan Wilson	Undergrad
49	Logan Yanisch	Undergrad
50	Lucas Smith	Undergrad
51	Luke Abbey	Undergrad
52	Madison Gehl	Undergrad

	Names	Degree
53	Madison Vining	Undergrad
54	Mark Ekis	Undergrad
55	Mehdi Pedari	Undergrad
56	Michael Aldrijheth	Undergrad
57	Michael Heinzman	Undergrad
58	Michaela Butler	Undergrad
59	Miguel Cubero	Undergrad
60	Mike Beaman	Undergrad
61	Mohammad Shehada	Grad
62	Morgan Leatherman	Undergrad
63	Nathan Brinker	Undergrad
64	Nathan Schlagel	Undergrad
65	Nicole Putlinski	Undergrad
66	Nikhila Gunda	Grad
67	Nolan Hicks	Undergrad
68	Oussama Maham	Undergrad
69	Patrick Trouba	Grad
70	Pun Srisurin	Grad
71	Quinton Jones	Undergrad
72	Rachel Kirchner	Undergrad
73	Robbie Thompson	Undergrad
74	Rulerd Hollades	Undergrad
75	Ryan Bowman	Undergrad
76	Ryan Jobe	Undergrad
77	Saleh Alsaqabi	Undergrad
78	Samantha Spillers	Undergrad
79	Samuel Barber	Undergrad
80	Sarita Pandey	Grad
81	Seth Honatic	Undergrad
82	Shaina Field-Farias	Undergrad
83	Sherman Choi	Undergrad
84	Shisle Chen	Undergrad
85	Shiyle Chan	Undergrad
86	Shreya kulsh	Undergrad
87	Simon Choi	Undergrad
88	Stephen Deen	Undergrad
89	Sulaiman Plshamman	Undergrad
90	Theodore Martell	Undergrad
91	Tobi Imam	Undergrad
92	Tyler Jobe	Undergrad
93	Vincent Hermes	Undergrad
94	Vishal Kummetha	Grad
95	Weibin Wan	Grad
96	Widiam Occ	Undergrad
97	Yang In Chang	Undergrad
98	Yicheng Zheng	Undergrad
99	Yiran Yang	Undergrad
100	Yue Xu	Undergrad
101	Zac Lenz	Undergrad
102	Zachery Kelsay	Undergrad
103	Zaid Khalil	Undergrad
104	Zexia Li	Undergrad

University of Kansas Transportation Student Enrollment

Student Chapter Membership

Number of Student Chapter Members	104
• Number of Graduate Students in Transportation	16
• Number of Graduate Students not in Transportation	3
• Number of Undergraduate Students (Sophomore to Senior)	85
Number of students members of ITE	12
Number of Faculty members who are current ITE members	2
Does your curriculum allow an undergraduate to major in Transportation?	No

KUITE Budget Fiscal Year 2018-2019

Beginning Balance	Donations	Expenses	Balance
\$5405.95	\$640.00	\$0*	\$6045.95

*Travel expenses to conferences and food for meetings was paid by the University of Kansas Transportation Center and the Mid-America Transportation Center.

Signatures

Submitted by:



Vishal Kummetha

President KUI TE

Date: 2/1/2019

Approved by:



Steven Schrock

Faculty Advisor KUI TE

Date: 2/1/2019

APPENDIX L

UNIVERSITY OF MISSOURI (COLUMBIA) CHAPTER

2018 ANNUAL REPORT



University of Missouri – Columbia ITE Student Chapter 2018/2019 Annual Report

Report submitted by: Siyang Zhang
Contents approved by: Dr. Carlos Sun
1/30/2019

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1. CHAPTER ORGANIZATION & MEMBERSHIP

This section presents a summary of the official business of our student chapter with respect to membership and financial statement for the previous year (2018).

1.1 Student Chapter Officers

Table 1.1.1 MU ITE Student Chapter Officers

President	Zhu Qing
Vice President	Michael Schoelz
Treasurer	Ashkan Gholamialam
Secretary	Siyang Zhang
Faculty Advisor	Carlos Sun

1.2 Student Chapter Membership

Table 1.2.1 MU ITE Student Chapter Membership

Number of Student Chapter members	21
Number of faculty members who are current ITE members	0

1.3 Enrollment Information

Table 1.3.1 Current Enrollment

Number of undergraduate students in ZouTrans Lab:	
Full time: 8	Part time: 0
Does your curriculum allow an undergraduate student to major or minor in Transportation: Yes	
Number of graduate students in ZouTrans Lab:	
Full time: 15	Part time: 1

1.4 Budget and Expenses

Table 1.4.1 shows bank records from 2/1/2018 to 1/27/2019. The current balance is \$961.71.

Table 1.4.1 Account Transactions

Date	Amount	Balance	Reason
9/27/2018	-63.45	961.71	Food and drink for football tailgate event
8/26/2018	-430	1025.16	Reimbursement to students attended student leadership summit at Minneapolis, MN
8/6/2018	+430	1455.16	MOVITE Board support for students attending student leadership summit at Minneapolis, MN
5/21/2018	-15.20	1025.16	Water for the student chapter soccer game
5/8/2018	+200	1040.36	MWITE support for ITE student chapters
5/7/2018	-198.24	840.36	Student leadership submit registration fee (for four members: Zhu Qing, Mike Schoelz, Ashkan Gholamialam, Siyang Zhang)

2. PROFESSIONAL ACTIVITIES

2.1 Presentations and Conferences

- **ITS Heartland Conference, Lincoln, Nebraska, April 2018**

Five teams (12 members) of the ITE student chapter submitted papers to poster competition of ITS Heartland Conference at Lincoln, Nebraska. Two of them attended the conference and presented their posters.

Table 2.1.1 ITS Heartland Poster Competition Submissions

Participants	Title
Daeyeol Chang	Virtual Reality-based Training Module for Work Zone Inspection
Siyang Zhang, Zhu Qing, Eunice Wang, Elizabeth Farr	Public Perceptions of Ridesharing and Shared Autonomous Vehicles
Farzaneh Azadi, John Ohlms, Michael Schoelz	Foreseeing the Future of Freight: A discussion of the current trends on the use of ITS applications within the Freight Industry
Sayedomidreza Davami	Connected Vehicles, How? Why?
Lan Uong, Huang Feng, Brenden Van Berkum	Adaption to the establishment of a system platform for mobile devices

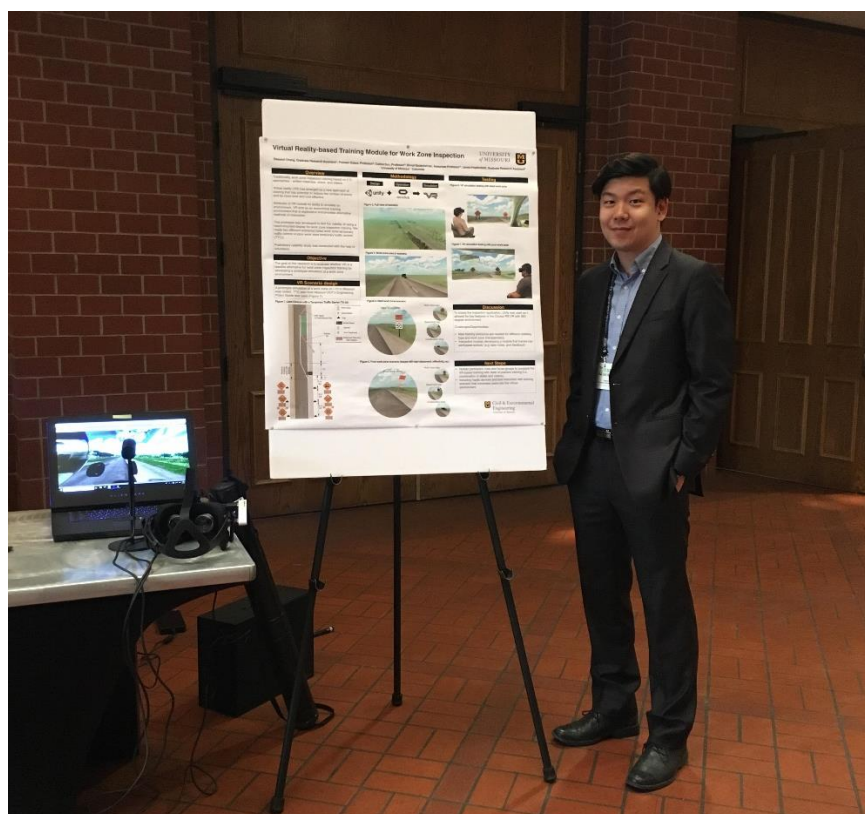


Figure 2.1.1 Chang at ITS Heartland Poster Competition

- **ITE Student Leadership Summit, Minneapolis, Minnesota, August 2018**

The whole team of student chapter officers took the opportunity of Student Leadership Summit and went to Minneapolis, Minnesota. Three of them gave lightning talks to share their current research with others. The team also visited Minneapolis airport and learned more about aviation engineering.

Table 2.1.2 ITE Student Leadership Summit Presentations

Presenter	Title
Ashkan Gholamialam	Modeling Bikeability of Urban Systems
Zhu Qing	Simulator Studies for Vulnerable Road Users
Siyang Zhang	Evaluation of Green Lights on Truck-Mounted Attenuators



Figure 2.1.2 MU ITE Officers attended Student Leadership Summit at Minneapolis

- **Seventh International Symposium on Naturalistic Driving Research, Blacksburg Virginia, August 2018**

Nipjyoti Bharadwaj's work was accepted by the 7th International Symposium on Naturalistic Driving Research, and presented at Virginia Polytechnic Institute and State University.

Table 2.1.3 Seventh International Symposium on Naturalistic Driving Research Presentation

Presenter	Title
Nipjyoti Bharadwaj	Analysis and Classification of Crashes and Near-Crashes involving 16-19 year old drivers

- **Missouri's 2018 Traffic Safety and Blueprint Conference, Columbia Missouri, September 2018**

Most members of our chapter attended the conference, and five members presented their work at the poster competition. Our teams completed a clean sweep of the competition.

Table 2.1.4 Missouri's 2018 Traffic Safety and Blueprint Conference Presentations

Presenter(s)	Title
Zhu Qing	Evaluation of Autonomous Vehicle-Pedestrian Interactions with the Use of Federated Simulators
Michael Schoelz, Zhu Qing	Federated Simulator Study of Human Driver Communications During Autonomous Truck Platooning
Siyang Zhang, Zhu Qing	Evaluation of green lights on Truck-Mounted Attenuators (TMAs) (1 st place winner)
Vishal Mandal, Lan Uong	Automated End of Queue Detection from CCTV Cameras (2 nd place winner)
Sayedomidreza Davami	Civil Engineering material characterization via smartphone-based molecular sensing

- **Transportation Engineering Association of Metropolitan St. Louis (TEAM STL) Annual Meeting**

Four student members attended the 16th TEAMSTL annual meeting and participated in poster competition, and again, won the top two spots of the competition.

Table 2.1.5 TEAMSTL Presentations

Presenter(s)	Title
Zhu Qing	Evaluation of Autonomous Vehicle-Pedestrian Interactions with the Use of Federated Simulators
Siyang Zhang, Zhu Qing	Evaluation of green lights on Truck-Mounted Attenuators (TMAs) (2 nd place winner)
Vishal Mandal, Lan Uong	Automated End of Queue Detection from CCTV Cameras
Sayedomidreza Davami	Civil Engineering material characterization via smartphone-based molecular sensing (1 st place winner)

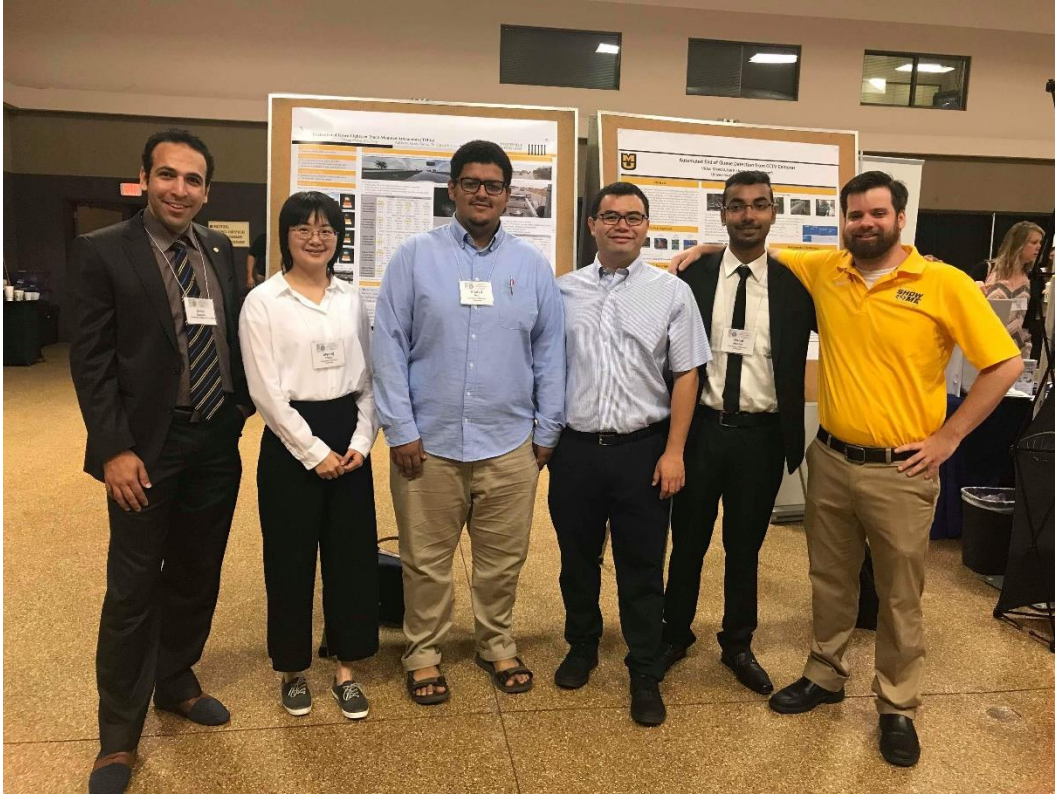


Figure 2.1.3 Student Members Attending Blueprint Conference



Figure 2.1.4 Student Members Presented at TEAM STL and Won Poster Competition

- **2018 Annual Meeting of Missouri Valley Section Institute of Transportation Engineers (MOVITE), Lenexa Kansas, October 2018**

Four student members attended the MOVITE annual meeting and shared their work with other ITE members. Two of them presented at lecture sessions, and the other two presented posters.

Table 2.1.6 MOVITE Presentations

Presenter(s)	Title
Zhu Qing	Evaluation of Autonomous Vehicle-Pedestrian Interactions with the Use of Federated Simulators (Lectern)
Michael Schoelz, Zhu Qing	Federated Simulator Study of Human Driver Communications During Autonomous Truck Platooning (Lectern)
Siyang Zhang, Zhu Qing	Evaluation of green lights on Truck-Mounted Attenuators (TMAs) (Poster)
Sayedomidreza Davami	Civil Engineering material characterization via smartphone-based molecular sensing (Poster)



Figure 2.1.5 Student Members Presented at MOVITE Annual Meeting

- **IEEE Conference on Big Data, Seattle Washington, December 2018**

One paper from our student members was accepted by and presented at IEEE Conference on Big Data at Seattle.

Table 2.1.7 IEEE Seattle Presentation

Presenter	Title
Vishal Mandal, Lan Uong	Automated Road Crack Detection Using Deep Convolutional Neural Networks

- **TRB 2019 Annual Meeting, Washington. D.C., January 2019**

A total of 6 members of the ITE student chapter went to Washington, D.C. to attend the 98th Transportation Research Board (TRB) annual meeting. Student members attended exhibits, the career fair, presentation sessions, poster sessions and committee meetings, many of which were closely associated with their concentrations of study. Six student members presented their research in lecture sessions for a total of 4 presentations.

Table 2.1.8 TRB Presentations

Presenter	Title
Nipjyoti Bharadwaj	Risk Factors in Work Zone Safety Events: A Naturalistic Driving Study Analysis
Jacob Kaltenbronn, Zhu Qing	Vision-based Pedestrian Indicator Light for Signalized Intersections
Vishal Mandal, Lan Uong	Traffic Queue Monitoring with Mask Region-based Convolutional Neural Network
Siyang Zhang, Zhu Qing	Simulator and Field Study of Green Lights on Truck-Mounted Attenuators in Missouri During Mobile Operations



Figure 2.1.6 Student Members Presented at TRB

2.2 Student Publications

Table 2.2.1 Student Publications in 2018

Author(s)	Title	Journal
Nipjyoti Bharadwaj	Computing Odds of Crashes and Near-crashes using Naturalistic Driving Study Data	World Conference on Transport Research
Nipjyoti Bharadwaj	Risk Factors in Work Zone Safety Events: A Naturalistic Driving Study Analysis	Transportation Research Record
Siyang Zhang, Zhu Qing	Simulator and Field Study of Green Lights on Truck-Mounted Attenuators in Missouri During Mobile Operations	Transportation Research Record

2.3 Industry Interaction

The faculty team of ZouTrans went on an entrepreneurship trip to Kansas City and visited a couple of transportation companies and agencies. Two of Mizzou ITE student officers attended the event with faculty. Companies and agencies visited are listed in Table 2.3.1.

Table 2.3.1 Companies/Agencies Visited

KC SmartPort
HNTB
Mid-America Regional Council (MARC)
Kansas City Southern
Kansas City Scout
Missouri Department of Transportation (MoDOT)

Besides exploring potential collaboration with new partners, revisiting graduated students was also one keynote during the trip. A lunch and a dinner event were held, and previous students graduated from ZouTrans were invited. Sixteen alumni from different transportation companies and organizations, such as HDR, CFS, Rhythm, MoDOT, and etc., joined the social event. The interaction between current and graduated ITE members was nice and successful.

2.4 Student Awards

	Award	Recipient
1	WTS Helene M. Overly Memorial Scholarship	Farzaneh Azadi
2	50 Lifesavers Traffic Safety Scholars	Farzaneh Azadi
3	Intelligent Transportation Society of America Student Essay Competition from	Jacob Kaltenbronn, Colby Wedwick
4	TRB & ATSSA Traffic Control Device (TCD) Challenge	Jacob Kaltenbronn, Zhu Qing
5	Dwight D. Eisenhower Transportation Fellowship	Jacob Kaltenbronn
6	ACRP Graduate Research Award on Public Sector Aviation Issues	Zhu Qing
7	Missouri's 2018 Traffic Safety and Blueprint Conference Poster Competition (1st place)	Siyang Zhang, Zhu Qing
8	Missouri's 2018 Traffic Safety and Blueprint Conference Poster Competition (2nd place)	Vishal Mandal, Lan Uong
8	Transportation Engineering Association of Metropolitan St. Louis (TEAM STL) Annual Meeting Poster Competition (1 st place)	Sayedomidreza Davami
9	Transportation Engineering Association of Metropolitan St. Louis (TEAM STL) Annual Meeting Poster Competition (2 nd place)	Siyang Zhang, Zhu Qing
10	35th annual Research and Creative Activities Forum (RCAF) in University of Missouri-Columbia	Sayedomidreza Davami



Figure 2.4.1 Award Winners

2.5 Faculty Advisor Award

Our faculty advisor Dr. Carlos Sun was the award winner of William T. Kemper Fellowship Awards. His passion and dedication of teaching was acknowledged, and he was described as “Sun shines in the classroom” by College of Engineering.



Figure 2.5.1 Dr. Carlos Sun Centered by Commerce Bank Chair and Chief Executive Officer Teresa Maledy, MU Chancellor Alexander Cartwright and Engineering Dean Elizabeth Loba. *Photo by Amy Parris.*

3. CAMPUS AND COMMUNITY OUTREACH

Our student chapter is committed to services Mizzou campus and our communities. During the academic year, we were engaged in engineering education outreach programs to create awareness among K-12 and college students about careers in the engineering profession. We also demonstrate to transportation and non-transportation professionals and encourage more engagement with transportation safety and public concern.

Event	Date
Engineering Week Exhibit	3/14/2018
CMITE Chapter Visit	3/30/2018
Show Me Mizzou Open House	4/13/2018
Alumni Visit	4/27/2018
Chinese Delegation Visit	5/9/2018
ITS Visit	5/25/2018
Mizzou International Experience Day	7/24/2018
High School Ambassadors Visit	9/7/2018
Buckle Up Phone Down Day	10/19/2018
MU Extension Visit	10/24/2018

4. STUDENT-REGIONAL CHAPTER RELATIONSHIP

4.1 CMITE Mizzou Showcase

Every year, our student chapter helps to organize one of the five Central Missouri Chapter of ITE (CMITE) meetings to present our research topics. In 2018, the CMITE Mizzou Showcase was held on 10/10/2018 at MoDOT Central District in Jefferson City. Four student members presented their research at the meeting.

Presenter	Title
Michael Schoelz	CAV external displays for truck platoons in mixed traffic: a federated simulator study
Sayedomidreza Davami	Civil Engineering material characterization via smartphone-based molecular sensing
Ashkan Gholamialam	Modeling bikeability of urban system
Siyang Zhang	Evaluation of green lights on Truck-Mounted Attenuators (TMAs)

4.2 CMITE Meeting Attendance

As the CMITE is the local chapter, attending the quarterly meetings provide a good opportunity to network with regional engineers. Our student members are invited to every CMITE meeting and they have a strong presence. At these meetings, our student members meet with professionals and learn about advancements and applications in the field.

Date	Speaker(s)	Topic	Location
2/21/2018	Jacob Ray, John Schaefer	HAWK Beacons on College Avenue in Columbia	Columbia City Hall
3/30/2018	James Ritter, Mike Curtit (Jacobs), Stephen Georges (MoDOT)	Road to Saving Lives - St. Louis Safety Design-Build Project	Mizzou Engineering
6/26/2018	Bruce Wylie (MSPE president)	Engineering Legislative Update	Jefferson City
8/22/2018	Wes Bolton (Allstate Consultants), Dr. Carlos Sun (Mizzou)	Drone Use	MoDOT Central District
12/14/2018	Dr. Yaw Adu-Gyamfi (Mizzou)	Big Data and Artificial Intelligence	Mizzou Engineering

5. FUNDRAISING ACTIVITIES

5.1 Travel Grant Applications for 98th TRB Annual Meeting

As a recognized student organization in the University of Missouri, we are eligible to apply for a travel grant for our student members. This year, through our student chapter, we successfully applied for \$1,700 of travel funding for the 98th TRB annual meeting in Washington D.C. This funding was used to cover the airfare and lodging of four student members: Nipjyoti Bharadwaj, Vishal Mandal, Zhu Qing, and Siyang Zhang.

Besides funding from Student ORG, we also applied grant from College of Engineering in order to cover as many students as possible, as there were six presenters and they were all excellent representatives of Mizzou. A \$2,000 travel grant was granted by the college. So Lan Uong was covered and able to attend TRB as well.

In addition, one of our student member, Jacob Kaltenbronn, was awarded by Dwight D. Eisenhower Transportation Fellowship, and expenses to TRB were all covered.

6. SOCIAL EVENTS

The student chapter of Mizzou ITE is not only a place for study, but also a friendly community, a home, for every member. In order to build tighter bond within the family, and provide a more relax and enjoyable environment, the chapter regularly organize social events, such as soccer games, tailgate parties, fantasy football battle, get-together lunch and dinner, etc.



7. ROSTER OF STUDENT CHAPTER MEMBERS

Last Name	First Name	Degree Seeking	Graduation	Intl ITE Member
Aati	Khaled	PhD	SP 2021	No
Afzali	Mohebullah	Master	FS 2019	No
Al Hamami	Muqdad	PhD	SP 2020	No
Azadi	Farzaneh	PhD	SP 2020	No
Bharadwaj	Nipjyoti	PhD	SP 2020	No
Chang	Dae Yeol	PhD	SP 2020	No
Davami	Sayedomidreza	Master	SP 2019	No
Gholamialam	Ashkan	PhD	FS 2019	No
Jin	Peng	Master	FS 2020	No
Kaltenbronn	Jacob	Master	SP 2020	No
Khafaji	Salwan Obaid Waheed	B.S.	SP 2019	No
Mandal	Vishal	Master	SP 2020	No
Pang	Shihao	B.S.	SP 2019	No
Qing	Zhu	PhD	SP 2019	No
Reneker	Joseph	B.S.	SP 2019	No
Schoelz	Michael	Master	SP 2019	No
Shu	Xiaofan	Master	FS 2020	No
Tang	Yifei	B.S.	SP 2019	No
Uong	Lan	PhD	SP 2020	No
Zhang	Linlin	Master	SP2019	No
Zhang	Siyang	PhD	SP2020	No

8. CHAPTER MAILING ADDRESS

Faculty Advisor:

Carlos Sun, Ph.D., J.D., P.E.

Civil & Environmental Engineering

University of Missouri

E2509 Lafferre Hall

Columbia, Missouri 65211

APPENDIX M

MISSOURI UNIV. OF SCIENCE & TECHNOLOGY (ROLLA) CHAPTER

2018 ANNUAL REPORT



ITE Student Chapter Annual Report

Midwestern District

2018

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The Missouri University of Science and Technology (Missouri S&T) ITE Student Chapter is pleased to submit this annual student chapter report for the 2018-2019 academic year. Having spent the 2017-2018 academic school year restarting the Missouri S&T ITE Student Chapter, the current leadership team for the 2018-2019 academic year has worked diligently to increase interest in this new organization on campus and create a routine for meetings, professional development, and extracurricular involvement. By reaching out to local transportation companies and firms, the Missouri S&T ITE Student Chapter has increased the interest in transportation on campus, provided opportunities for students to learn about the field, and developed better campus connections to businesses in the field.

Introduction

The Missouri University of Science and Technology (Missouri S&T) Student Chapter for the Institute of Transportation Engineers (ITE) had been active during the 1980s and into the early 2000s. However, the student chapter interest dwindled, as the last transportation engineering faculty left Missouri S&T in 2011. In the 2017 fall semester, the department has seen an increasing interest in many different areas of civil engineering, including transportation. Dr. Xianbiao Hu was hired by the university to help grow this portion of the department, and one of his main goals was to revitalize the ITE Student Chapter. Together with the department chair, Dr. Joel Burken, and adjunct transportation professor Mr. Mike Sneed, the ITE student chapter has grown into an organization of 51 student members, with many more students interested, that meet for monthly seminars and for other extracurricular activities.

Dr. Hu, together with the current leadership team, is committed to growing and sustaining the student chapter, and reaching out to every department on campus to show them the benefits of learning about transportation and how it impacts our lives.

Student Chapter Officers:

- President: Ashley Fillback
- Vice President: Qing Tang
- Secretary: Matt DeMoss
- Treasurer: Shihao Pang
- Technical Officer: Kara Duong
- Event Coordinator Chairs: Desley Jett and Emily Haines
- Advisor: Xianbiao Hu

Recruitment

The Missouri S&T Student Chapter actively recruited for new members during its first full year as an organization. In order to engage students in a newly formed organization on campus, many recruitment methods were needed to build the number of active members.

Minerama

On August 24, 2018, officers participated in an event called Minerama. Minerama is hosted the first week of classes to allow organizations and teams on campus to recruit new members that may be freshmen or older students wanting to become more involved on campus. The ITE officers prepared a table with poster board, handed out flyers, and answered questions for interested students.

CArE Department New Student Reception

The Civil, Architectural, and Environmental (CArE) department hosts a new student reception each semester to allow new students to learn about the opportunities within the department and connect with older students. A representative from each organization in the department presented to the crowd, answered questions, and stayed until after the presentation was complete to talk to new students while eating pizza.

Flyers

For every seminar the Missouri S&T ITE Student Chapter hosts, a flyer is created with information about the speaker and distributed through the CArE department's email list server. Everyone outside of the organization is invited to attend meetings to learn more and hopefully choose to become a member.

Pi Kappa Alpha Club/Design Team Night

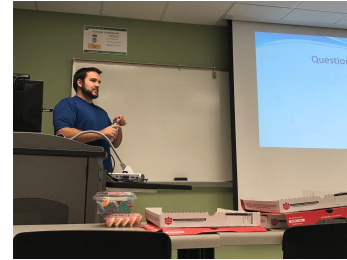
The Pi Kappa Alpha fraternity house hosted a club/design team night to introduce their newest members to extracurricular activities on campus. The Missouri S&T ITE Student Chapter sent a representative to present to the group of new students and recruit for new members.

Seminars

Throughout the 2018 semesters, the Missouri S&T Student Chapter hosted nine seminars with industry professionals in various areas of Missouri. Each of these meetings highlighted topics and opportunities in transportation engineering for students to pursue in their careers.

Geoffory A. Grigg - “MoDOT Signal Timing Project”

At the January meeting, Geoffory presented on his experience as a traffic studies specialist. His presentation detailed his work on a MoDOT signal timing project, his internship with MoDOT, and his time as a student at Missouri S&T.



Teresa Krenning & Justin Wagner - MoDOT

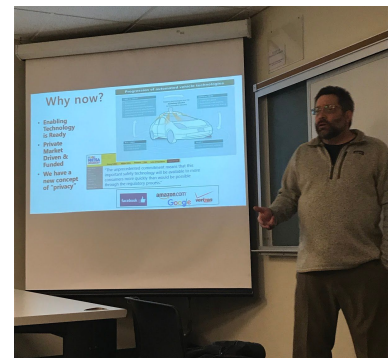
In February, our chapter learned about the opportunities available at MoDOT. Teresa presented on her work with Intelligent Transportation Systems, Incident Management, and Transportation Management Center Operations. Justin explained his job as a Traffic Operations Engineer and what he does to oversee the Signal & Intelligent Transportation Systems in the St. Louis District at MoDOT.

Dane Seiler - CJW Transportation Consultants, LLC

In March, Dane presented on projects in Springfield, Missouri that he was working on with CJW, his involvement with MoVITE as the Missouri Director, and opportunities for students in OCITE. His presentation detailed some of the projects simulating diverging diamonds in Springfield and the work CJW has produced.

Shawn Leight- CBB Transportation Engineers + Planners

For the April meeting, Past ITE International President Shawn Leight, presented to the chapter about opportunities within ITE for students, careers in transportation, and projects he has worked on for CBB. Shawn’s presentation encouraged student chapter members to seek new connections in the transportation industry and ways to become involved.



September Welcome Back Meeting

To welcome new and old members back for the new school year, the first meeting was planned as a welcome back night. Pizza and drinks were provided to the students for free, while members learned about the organization. The officers presented the history of ITE, explained future activity plans, and shared personal experiences in research and internships.

Steve Prange- “Safety Analysis of At-Grade Railroad-Highway Crossings”

In September, we welcomed Steve Prange, Regional Manager of Crawford, Murphy and Tilly, Inc (CMT) and 2018 President of the Ozarks ITE (OCITE) Chapter. He spoke about a project coordinated with MoDOT in which CMT developed a new process to analyze the safety and efficiency of At-Grade crossings.



Steve Ingracia- “Navigating the Career Path: Learnings from the Past 25 Years”



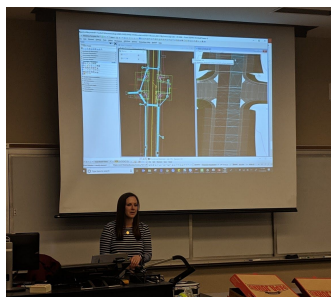
In October, Steve Ingracia came back to Missouri S&T to speak to his alma mater. He is currently the Deputy Director of Technology and Innovation for the Nebraska DOT. Additionally he has over 15 years of experience as the National Transportation Leader for Olsson Associates. He shared his knowledge of where the transportation industry is heading, what students should be prepared for, and how to get the most out of your engineering career.

Jason Saliba- “Springfield, MO Transportation Management”

In October, Jason Saliba, Traffic Signal Engineer with the City of Springfield, MO presented to our chapter on the Traffic Management Methods used by the City of Springfield. He presented on the use of the Transportation Management System, Dynamic Monitoring/ Messaging Systems, and the operation, timing, and coordination of Traffic Signals.



Alison Graves- “Roadway Modeling the MoDOT Way- PowerGeopak SS4”



In November, Alison represented the roadway group at Civil Design Inc. (CDI) and spoke to our chapter about her transportation design projects, involvement in TeamSTL and ASCE St. Louis, and demonstrated 3D modeling in PowerGeopak.

Additional Activities

ITE Student Leadership Summit

The ITE Student Leadership Summit was hosted at the University of Minnesota in Minneapolis, Minnesota from Friday August 17, 2018 to Sunday August 19, 2018. Two officers represented the Missouri S&T ITE Student Chapter at the event with generous support from MOVITE and TEAM STL to help with travel expenses. The representatives from Missouri S&T networked with students from other ITE student chapters in the region, attended lectures on various transportation-related topics, participated in the VISSIM Traffic Simulation workshop, and toured the Minneapolis-Saint Paul International Airport. Our officers developed leadership skills, new ideas from other student chapters, and a greater appreciation for the transportation industry.



Social Media Outreach

Facebook Page

In order to engage with the community and alumni, a Facebook page was created to provide updates and recognize our amazing speakers for their presentations. Our Facebook page can be found under “Missouri S&T Institute of Transportation Engineers Student Chapter” or the username “@MissouriSandTITE”

Website

A new website was created for our members to stay up to date on our meeting schedules each semester, find new job opportunities, find scholarships, and current news. Our website can be found at <https://itemst.weebly.com/>

Fundraising

ITE Student Chapter Graduation Cords

One of our graduating officers asked for our student chapter to offer and sell graduation cords as part of a fundraiser. All graduating members were offered the opportunity to order graduation cords and the profits benefited the student chapter.

2018 Funding Support

MOVITE: \$430 for travel support to Leadership Summit

TEAM STL: \$100/per person (\$200 total) for travel support to Leadership Summit

Missouri S&T Academy of Civil Engineers: \$1000

APPENDIX N

UNIV. OF MISSOURI (ST. LOUIS) / WASHINGTON UNIV. CHAPTER

2018 ANNUAL REPORT

Institute of Transportation Engineers

Annual Report of Student Chapter Activities

From 2018 to 2019

Student Chapter, Washington University in St. Louis

Last year, this chapter's goal was to establish what the student body wants with regards to their local ITE chapter. Also, to get students connected to the organization and ITE events. Students have a hard time making events work with ITE activities.

Last year, this chapter's goal was to overcome obstacles in scheduling that prevented student involvement. Students in the UMSL/WUSTL joint engineering program often work during the day and have classes in the evening, meaning that there is little time to schedule ITE activities.

In the first half of this year, we have established our goals with getting student involvement with a clear direction for the organization. The second half of the year will be dedicated to increasing involvement through holding the Student Leadership Summit in our area as well as connecting to a wider network of student and professional members of ITE, as well as continuing to overcome obstacles.

Chapter Organization

The student chapter president is Annette Meyer, vice president is Tony Bertolini and the faculty advisor is Shawn Leight. Other positions are open pending annual elections. There are around sixty students in the chapter, with ten active members in the ITE student chapter. The student chapter meets periodically, with additional activities outside of meetings.

This year we have increased active student membership through promoting the benefits of ITE membership. Students have spoken to the transportation classes to encourage membership. We have increased the number of ITE student memberships.

Chapter Activities

We have had no technical presentations, nor are any planned. We are placing our efforts to planning the SLS with student involvement. Many of the students are currently enrolled in a transportation engineering class and so the student chapter looks to vary the exposure to transportation.

This year, in addition to our on-campus meetings, we have established a social networking Facebook page to centralize events, updates, news, and communication. We hope to plan trips and events as time permits leading up to the SLS.

This year the student chapter has actively promoted transportation engineering among the student body. Presentations have been given in various classes to inform students about transportation engineering and related careers.

To date, no public service activities are planned. However, student chapter members are working with professionals and the public to participate in local transportation projects.

Student members are currently planning networking events with other local chapters and practicing transportation engineers.

Currently, there have been and are no planned fundraising activities.

Institute of Transportation Engineers

Annual Report of Student Chapter Activities

From 2018 to 2019

Student Chapter, Washington University in St. Louis

Chapter Liaison with ITE Divisions, Sections, and/or International

The Washington University chapter sent one student to the Student Leadership Summit. Additionally, two students attended the local TEAM Fair.

Currently, Annette Meyer, Student Chapter President, is serving on the international subcommittee for student membership.

Report submitted by:

Annette Meyer

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meyeraj@go.wustl.edu

Faculty advisor:

Shawn Leight

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Saint Louis, MO 63141

APPENDIX O

SOUTHERN ILLINOIS UNIVERSITY (EDWARDSVILLE) CHAPTER

2018 ANNUAL REPORT



Institute of Transportation Engineers, SIUE Student Chapter

2018-19 Annual Report

Southern Illinois University Edwardsville
Institute of Transportation Engineers
Edwardsville, IL 62026, <http://www.ce.siu.edu/ite>

ANNUAL REPORT OF STUDENT CHAPTER ACTIVITIES

From February 15, 2018 to February 14, 2019
ITE Southern Illinois University Edwardsville Student Chapter

Student Chapter Officers (2018-2019 Calendar Year)

President:	Mohiuddin Imran
Vice President:	Al Adib Sarker
Secretary:	Pranesh Biswas
Treasurer:	Ali Salehi
Faculty Advisor:	Dr. Yan Qi

Student Chapter Membership

Number of Student Members: 48

Number of Student Members of ITE International: 10

Number of Students Eligible to be a Student Member of ITE: 199

Number of Faculty Members Who are Current ITE Members: 2

Information on Transportation Engineering Enrollment

Number of Undergraduate Students in Civil Engineering: 186

Does Curriculum Allow Students to Major or Minor in Transportation: No

Number of Graduate Students in Transportation: 4 Full-time, 3 Part-time

Report Prepared by:

Mohiuddin Imran

Report Submitted by:

Mohiuddin Imran

Phone: (618)-334-1180

E-mail: mimran@siue.edu

Content Approved by:

Dr. Yan Qi, Ph. D., P.E.

Assistant Professor

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Objectives

The SIUE ITE student chapter has been dedicated to connecting the students of transportation engineers in the area. The Southern Illinois University Edwardsville student chapter usually holds one to five meetings every semester. Engineers from the industrial field and state government together with professors from other universities are invited to give presentations on the planning, design, operation and maintenance of the transportation system. The meetings give students a chance to understand what jobs transportation engineers work on, while they are still in a learning environment. Both graduate and undergraduate students are members of the student chapter who get benefited from attending the professional meetings which give them the opportunity to networking with the industry leaders as well as professional engineers, academia etc.



Fig 1: SIUE Student Chapter participating in 2018 Student Leadership Summit

Summary of The Student Chapter Activities

In 2017, the SIUE Student Chapter enjoyed its tenth full calendar year as a part of ITE (Institute of Transportation Engineers) since reactivation in September 2007. The Chapter maintained official recognition from the University as a registered student organization. In addition, new members were recruited, making it one of the largest Civil Engineering clubs on campus by enrollment. Officials from the Illinois Department of Transportation (IDOT), Missouri Department of Transportation (MoDOT), and several private firms have been invited to the chapter meetings.

During this year, the students from Transportation Engineering have shown outstanding performance in their research and their exemplary works have been presented in 2018 Transportation Research Board's (TRB) Annual Meeting which was held during January 7-11, 2018 in Washington, D.C. More than five student papers have been published in their annual journal.

The students of this chapter have also joined the Fifth Annual St. Louis Collegiate Traffic Bowl which was held at St. Louis University on February 23, 2018 and has shown outstanding performance.

Furthermore, the ITE Student Chapter, SIUE has joined the 2018 Midwestern District ITE Annual Conference and the 2018 Midwestern/Great Lakes Student Leadership Summit which has held in Minneapolis, Minnesota during August 2018.



Fig 2: ITE Student Leadership Summit in Minneapolis, MN (August '18)

Networking Events

SIUE ITE student chapter has been arranging a number of regular meetings not only for the members in Transportation Engineering, but also for the students in general. This has been proved to be a great platform for the students to communicate with the industry leaders and showcase their academic excellence which helps them to get real life industry experience. The chapter has arranged a number of meetings in the previous year which are listed below:

✓ February 22, 2018

- Participating in Annual Banquet organized by the School of Engineering, SIUE

✓ February 23, 2018

- Participating in the Fifth Annual St. Louis Collegiate Traffic Bowl organized by TEAM STL at St. Louis University

✓ August 17-19

- Participating in the ITE Student Leadership Summit organized by the University of Minnesota in Minneapolis, Minnesota
- Contributing in the Midwestern Collegiate Traffic Bowl 2018
- Taking part in professional training sessions on Vissim and ArcGIS

✓ August 20-22

- Participating in the 2018 Midwestern District ITE Annual Conference organized at Hilton Minneapolis, Minnesota
- Participating in Student Poster Presentation

2018 Midwestern/Great Lakes Student Leadership Summit

In August 2018, The President Mohiuddin Imran and Secretary Pranesh Biswas participated in the 2018 Midwestern/Great Lakes Student Leadership Summit which was organized by the University of Minnesota in Minneapolis. The students participated in general networking sessions along with several leadership activity sessions. It was a great opportunity to learn about the newer trends and practices in transportation engineering in Minnesota which has greatly developed their transportation engineering related researches in the past few years. The students took part in two different comprehensive technical sessions along with the current and future transportation practice sessions.



Fig 3: Participation in Traffic Bowl, Technical Session and Seminar (Clockwise)

Also, there was a 'Metro Transit Light Rail Facility' tour which was a great experience.



Fig 4: Tour to Minneapolis Light Rail Metro Transit Facility

TEAM STL Fair 2018

On September 22, the ITE student chapter participated in the 2018 Annual TEAM Transportation Fair in St. Nicholas Family Life Center. This was an exciting all day program that featured a lot of local and nationally recognized transportation personnel who presented their researches/ company operation procedures. Two student members have participated in their Poster Competition and Mohiuddin Imran, the President of the student chapter have been presented with the 3rd Prize. The chapter's academic adviser Dr. Yan Qi have also presented her current research in the fair. It was a great learning experience for all the professionals and student members.

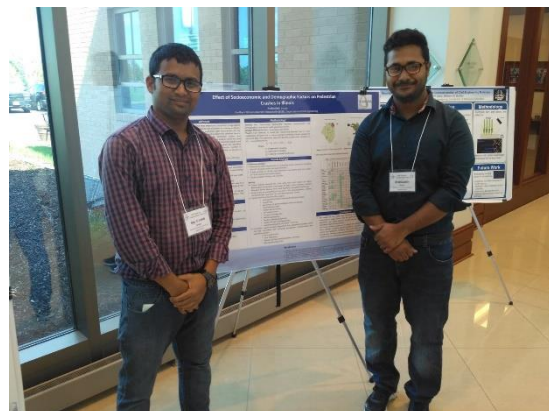
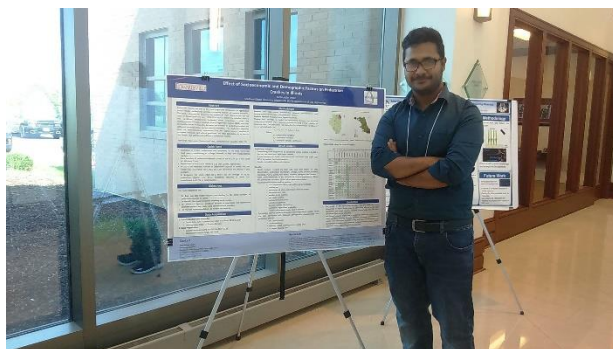
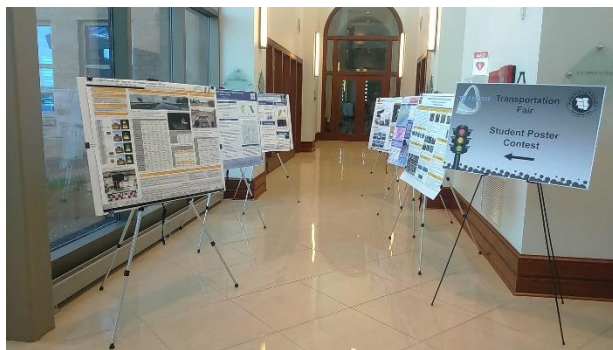


Fig 5: Participation in TEAM STL Fair 2018 (in St. Louis, MO)

Poster Presentation in 2018 Midwestern ITE Annual Meeting

The Student Chapter has participated in the 2018 Midwestern ITE Annual Meeting in Minneapolis, Minnesota in August 2018. They have presented two papers. One titled '*Field Test If Living Snow Fence On Illinois Freeways*' and another one was '*A Brief Overview On the Relationship Between Pedestrian Crash Injuries and Socioeconomic Factors in Illinois*'. Though none of them brought any awards home this year, but it was a great learning experience.



Fig 6: Participation in Student Poster Presentation Session in 2018 Midwestern ITE Annual Meeting

Transportation Research Board's 97th Annual Meeting

SIUE's Department of Civil Engineering students are highly involved in individual and professional researches funded by IDOT and other agencies. Their works are periodically showcased in major events involving transportation engineering. This year's 97th Annual Meeting was held on January 7– 11, 2018, at the Walter E. Washington Convention Center, in Washington, D.C. where more than 13,000 transportation engineering professionals from all over the world has attended and published their extemporaneous works. Former ITE Presidents Md. Atiquzzaman and Md. Abdur Rab along with another member Mr. Touseik Hasan Niloy has participated along with ITE advisor Dr. Yan Qi and Dr. Ryan Fries from the Department of Civil Engineering on this year's annual meeting and presented their research. Their research topics included current practices in pedestrian treatments at uncontrolled intersections in Illinois and accuracy measurement of real time construction information dissemination to travelers.

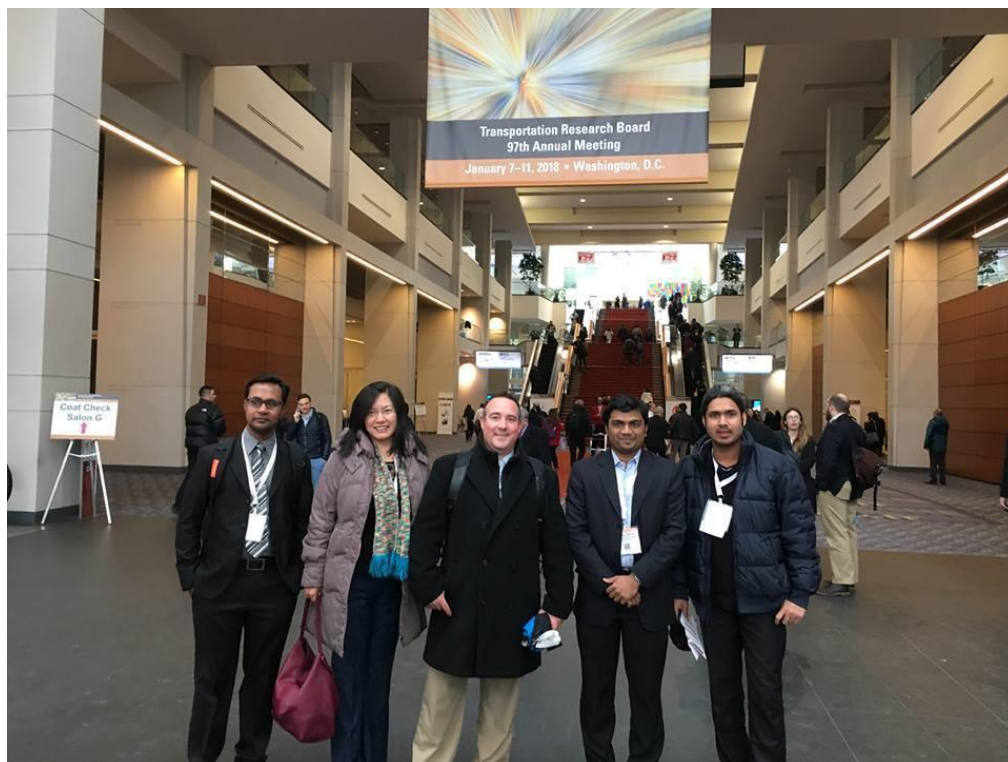


Fig 7: Participation in TRB's 97th Annual Meeting

Activities: Student Organization Activities Fair

To explain the responsibilities and duties of a transportation engineer and activities of ITE student chapter to the new undergraduate and graduate students, our chapter officers participated on the Spring 2018 “Student Organization Activities Fair” organized by SIUE on January 25, 2018. The responses from the new students were amazing.

School of Engineering Annual Banquet

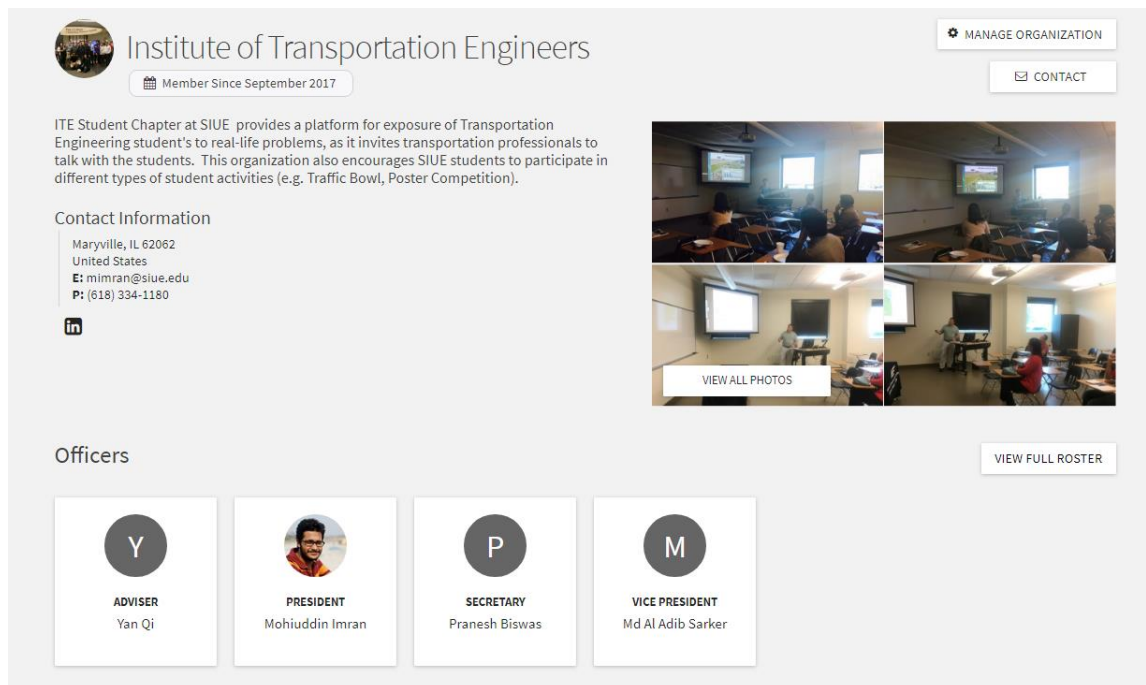
Student chapter President Mohiuddin Imran and Secretary Pranesh Biswas represented ITE at the annual banquet and award giving ceremony organized by the School of Engineering, SIUE on February 23, 2018. The dean of school of engineering recognized ITE along with other student chapter for their continuous activities in the campus. The members are also attending this year’s annual banquet which will be organized on 19 February, 2019.



Fig 8: SIUE School of Engineering Annual Banquet

ITE Student Chapter on the Web

ITE Student Chapter has an official website (<http://www.ce.siu.edu/ite/index.asp>). Students can check on meeting times and speakers and contact officers from this website. The website also provides students with news and links to other web sites including National ITE, IL section of ITE, MO Valley Section of ITE, and Transportation Engineering Association of St. Louis. ITE Student Chapter is also a registered student organization on-campus approved by the student government at SIUE. The link to registered student organization webpage is <https://siue.collegiatelink.net/organization/ite>.



Institute of Transportation Engineers
Member Since September 2017

ITE Student Chapter at SIUE provides a platform for exposure of Transportation Engineering student's to real-life problems, as it invites transportation professionals to talk with the students. This organization also encourages SIUE students to participate in different types of student activities (e.g. Traffic Bowl, Poster Competition).

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Officers

Y	P	M
ADVISER Yan Qi	PRESIDENT Mohiuddin Imran	SECRETARY Pranesh Biswas
		VICE PRESIDENT Md Al Adib Sarker

Institute of Transportation Engineers Student Chapter
SIUE Civil Engineering Department

Links
National ITE
IL Section ITE
MO Valley Section ITE
Transportation Engineering Association of Saint Louis

Other
SIUE ITE News
Officer Login

Welcome to the SIUE - Institute of Transportation Engineers Student Chapter
Civil Engineering Homepage >> ITE

Please note that this page is under construction.

About Us
The ITE student chapter at Southern Illinois University Edwardsville was started in 2006. Currently there are 130 chapters around the world. The goal of ITE at SIUE is to introduce students to the transportation profession by putting them in contact with working transportation engineers. Attending ITE meetings will expose students to real world applications of transportation engineering. The objectives of the Institute of Transportation Engineers student chapter at SIUE, as set forth by the Student Chapter Charter (ITE.org), are to:

- Promote the advancement of transportation and traffic engineering profession by fostering the close association of students with the profession and ITE;
- Acquaint students with topics of interest in transportation and traffic engineering through competent speakers and chapter-sponsored trips;>
- Foster the development of professional spirit;
- Promote common interests among students; and
- Encourage the expansion of facilities for transportation and traffic engineering study.

Becoming a member of the ITE will give you contacts for employment, better your understanding of material learned in class, give you an opportunity to interact with other student and staff, and strengthen your networking skills.

News
ITE Welcomes Sjogren and Disney-Haufe from Illinois Institute of Transportation Engineers ...more
SIUE ITE Chapter Takes 4th place in Traffic Bowl ...more
ITE Welcomes Sjogren and Disney-Haufe from Illinois Institute of Transportation Engineers ...more

Fig 9: ITE Student Chapter, SIUE on Web

Publications

1. **Exploring Distracted Driver Detection Algorithms Using Driving Simulator Study** Authors: Ryan N Fries, Yan Qi, M. Atiquzzaman
2. **Factors Contributing to Injury Severity of Pedestrian Crashes at Uncontrolled Locations in Illinois**
Authors: Yan Qi, Huaguo H Zhou, Mahdi Rouholamin, Raghunandan Baireddy
3. **How Many Times Should I Run the Model? Performance Measure Specific Findings from Vissim Models in Missouri**
Authors: Shawn J Leight, Yan Qi, Ryan N Fries
4. **Safety Evaluation of Diverging Diamond Interchanges Design for Intersections in Minnesota**
Authors: JacquelineWalls, Md Rab, YanQi, RyanFries
5. **Comparison of Contributing Factors to Pedestrian Crossing Crash Severity at Locations with Different Controls in Illinois**
Authors: Md Rab, Yan Qi, Ryan Fries

Student Chapter Roaster

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